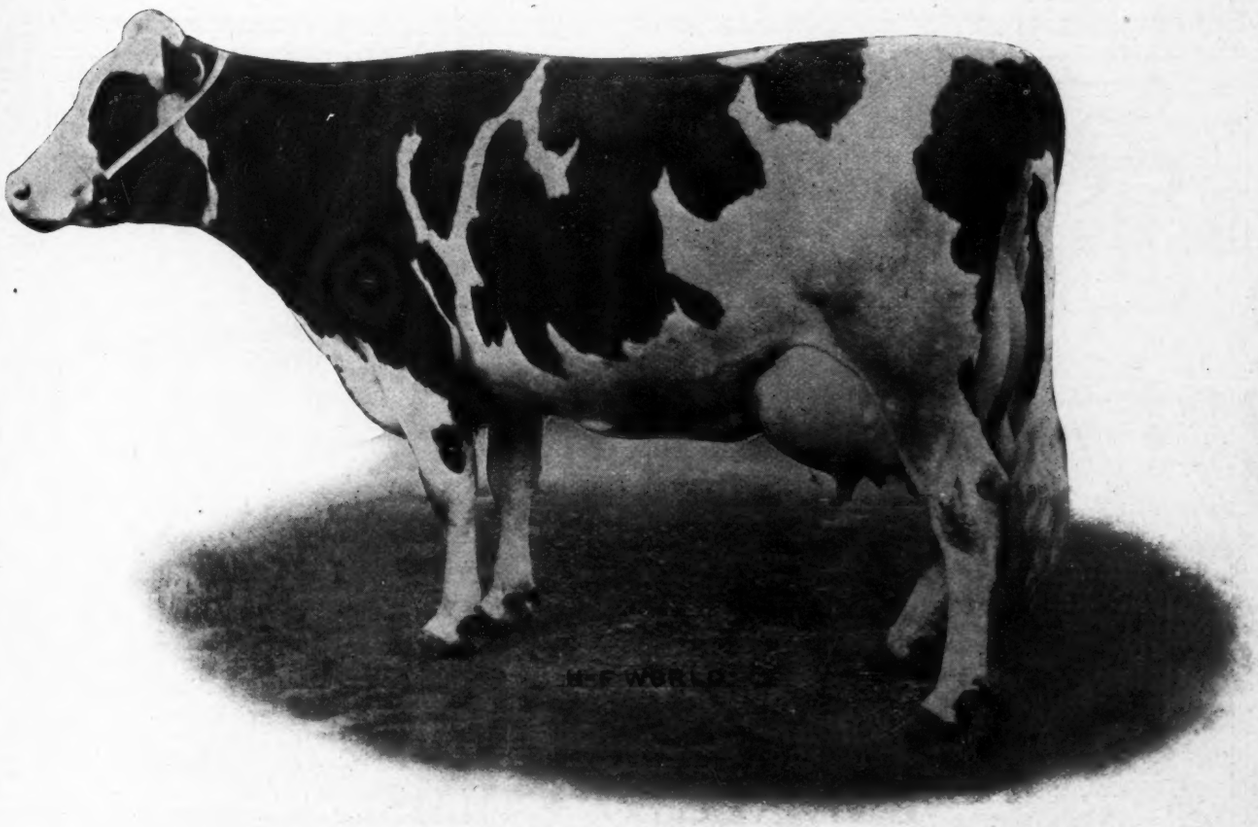
HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION

VOL. XII. LACONA, N. Y., JULY 3, 1915 NO. 27



MABEL SEGIS KORNDYKE The only 40-lb. heifer under full age.

Why You Should Own a Son of The King of The Black and Whites

Because his first daughter, we have tested has made, we believe, the largest combined milk and butter record, ever made by the first daughter of any bull.

She made at 2 yr. 4 mo., 22.42 lb. of butter in 7 days, and gave 493.9 lb. milk and made 93.34 lb. butter in 30 days, and gave 1970.8 lb. milk.

Second reason is because his sister, at 3 yr. 3 mo. has made 30.51 lb. butter in 7 days, and gave 587.2 lb. milk and her 30 day record is 122.72 lb. butter and 2482.5 lb. milk.

These records plainly show that he is KING OF THE BLACK AND WIHTES.

If you want one of his sons, you will have to buy when young, as they are all sold, long before they are ready for service.

A. A. HARTSHORN HOLSTEIN CO.

HAMILTON, N. Y.

COME TO BATAVIA

WHY?

To see King Quality and our herd of Holsteins which include fifty of his daughters. The first three to be tested average over 20 lbs. of butter in seven days, all as Jr.-2-year-olds, two making records of over 22 lbs. each. The third made over 16 lbs., a very creditable record as she had trouble at calving.

We also have several **Bulls** sons of King Quality, that are **ready for service.** They have plenty of A. R. O. backing and individually are right. Write us about them in case you cannot come and see them. They combine the blood of three different families of three direct generations of thirty pound cows.

Heifers for sale safe in calf to King Quality or to King Walker Hamilton. King Walker Hamilton is our Junior Herd Sire and his eight thirty-pound dams average 32.28 pounds of butter in seven days.

BONALEVO FARMS

R. E. Chapin & Son Box C BATAVIA, N. Y.

FOR YOUR NEXT HERD SIRE

A SON OF

Kearsarge Pontiac Butter Boy

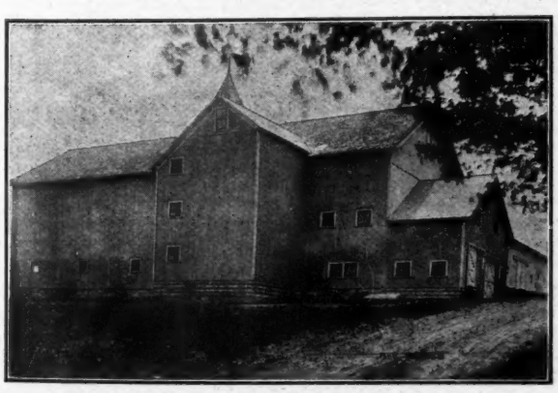
The bull with the greatest milk and butter backing of any bull in the East.

LET US QUOTE YOU ON A GOOD ONE

HASTINGS & PRESCOTT
LACONA, N. Y.

It Pays to Buy From Advertised Strains

The residence at Hilldale Stock Farm commanding a wonderful view of the finest part of New York State.



The main barn at Hilldale. Thoroughly modern.

HILLDALE STOCK FARM

New Woodstock, Madison Co., N. Y.

FOR SALE

Consisting of 320 acres situated 25 miles southeast of Syracuse, N. Y., located in one of the best dairy sections of New York State, 1 1-4 miles from village and railroad station. A gentleman's place, ample buildings in first-class condition, and soil that will grow anything you wish, even alfalfa. Will be sold at private sale with or without 100 head of Holsteins and all equipment.

J. A. Stanton & Son

WE LIKE THIS COMBINATION

Our senior sire, **King Pontiac Pleione,** has 125 living daughters, and more coming. His list includes 3 2-yr-olds with records of 22 to 23.67 lb., another 2-yr-old above 20 lb., and a 27-lb. 3-yr-old. He is a son of King of the Pontiacs (159 A. R. O. daughters —10 above 30-lb.), and Pontiac Pleione, the greatest producing daughter of Hengerveld De Kol, as well as one of his best daughters individually.

On the daughters of King Pontiac Pleione we are using **King Korndyke Wayne Veeman 109336** who was by King Korndyke Sadie Vale and from a 30.9-lb. 4-yr-old daughter of Sir Veeman Hengerveld (7 30-lb. daughters, and more above 29 lb. than any other living sire.). King Korndyke Sadie Vale is the only bull having a 41-lb. dam and a 40-lb. sister. His three nearest dams and a daughter each of his sire and dam average about 37.5 lb.—an unapproached showing. His first three daughters, all junior 2-yr-olds, average nearly 24 lb. butter in 7 days, another unapproached showing.

Is it wrong to figure that this combination **will get results?** The youngsters certainly look the part.

E. E. RISLEY
Walton, N. Y.

MRS. W. L. TERRY
Walton, N. Y.

BERNHARD MEYER, Treas. **A. A. CORTELYOU, Pres.** **JACOB TODD, Jr., Sec**

Somerset Holstein Breeders Co.

The Consolidation of the

Bloomingdale, Finderne, Etc., Herds

We offer a grandson of the first 40 lb. cow, Valdessa Scott 2d, No. 72311

King Valdessa Korndyke
No. 136331
His four nearest dams average 35.65 lb.

King Pontiac Segis Korndyke 84705
Brother to
Mabel Segis Korndyke.....40.36

King Segis De Kol Korndyke 56110
His dam, 37.21 lb.

Beauty Rauwerd De Kol 67816
30.54 lb. B.

Beets Ormsby De Kol Butter King 40652

Valdessa Ormsby De Kol 140444
Butter 4y.....32.98
Milk 501.40

Valdessa Scott 2d 72311
Butter 8y..... 41.87
Milk 694.60
Butter 30 days..... 164.23
Milk 2933.900
Butter 10y..... 37.49
Milk 611.40
Butter 30 days..... 142.49
Milk 2427.10

For prices, etc., write

Somerset Holstein Breeders Co.

Somerville, N. J.

INDIVIDUALITY, BREEDING, PRODUCTION

SIR BUFFALO KORNDYKE 124835

Born Jan. 19, 1914.

SIR KORNDYKE HENG. DE KOL 36th, 85968
1st prize at National Dairy show 1913. 2 first prize sons 1914. Several daughters to be tested. Only one tested made 17 lbs at 24 mo.

SIR KORND. HENG. DE KOL, 41266
Sire of—
30 A. R. O. daughters
7 A. R. O. sons
1 daughter at 4½y..... 29.27
75 per cent same blood as:
Pontiac Pet 37.67
Pon. Clo. De Kol 37.20

HENGERVELD DE KOL, 23102
Sire of—
116 A. R. O. daughters
9 above 30 lb.
62 A. R. O. sons
PONTIAC DARKNESS, 65765
26.41 at 4½ years.
1 sister 31 lbs.
Sister to sire of 44-lb. cow.

SIR ORMSBY HENGERVELD DE KOL, 31212
Sire of—
64 A. R. O. daughters
Piet. Maid Ormsby.....35.56
Gracie D. K. Ormsby 33.32

DAISY MERCEDES D. K. ORMSBY, 78057
23.23 lbs butter
75 per cent same blood as:
Pietertje Maid Ormsby, 35.56 in 7 days, 145.66, 30 days.
(World's record 1911.)

DAISY A. MERC. 4th's DE KOL, 53641
18.94 lbs.
Sister to the dam of:
Piet. Maid Ormsby 35.56

JACK MERCEDES, 35077
Sire of—
8 A. R. O. daughters,
1 daughter 30.4 lbs.
Grandson of Mercedes Julip's Pietertje 39.36. First 29-lb. cow.

SIR PIETERTJE ORMSBY MERCEDES, 44931
Sire of—
38 A. R. O. daughters
2 World record daughters
27 Jr. 2's average over 20 lb.
(Highest average in World)
3 Jr. Champions
1 grand Champion
10 firsts at National Dairy Show.

PIETERTJE MAID ORMSBY, 78051
35.56 7 days
145.66 30 days
(World's record 1911.)

BUFFALO MAID 2d, 162965
16.68 lbs. as Jr. 2-yr-old; Junior Champion at National Dairy Show 1913.

BUFFALO MAID, 100205
30.38 lbs., 7 days
907.4 lbs., 1 year.

CANARY MERCEDES PAUL, 29600
Sire of—
28 A. R. O. daughters
2 over 30 lbs., 1 son with a 36 lb., 1 34.6 3-y., and 30.1 lb. jr. 4 year.

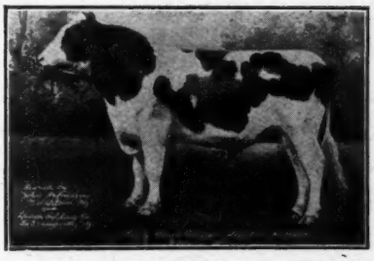
PIETERTJE MAID OF GROW 3d, 53646
19.45 lbs.
1 daughter 35.56
1 daughter 30.38

SIR BUFFALO KORNDYKE 124835 is a very promising sire of great individuality and of choice breeding both for individuality and production. Both his dam and sire are National Dairy Show first prize winners. Each of the four lines of his pedigree have produced one or more World's Record cows. His dam carries 50 per cent the same blood as three World's record cows. Her dam and sire's dam average 32.97 lbs. She is one of the most promising daughters of her great sire, Sir Pietertje Ormsby Mercedes.

We have him priced to sell: $750.

E. C. SCHROEDER, MOORHEAD, MINN.

King Segis Pontiac Alcartra



Of his first six daughters to freshen (the entire list to date), 5 have made from 20 to 25 lb. as 2-yr.-olds with first calf (one making over 102 lb. in 30 days), and the sixth one made over 16 lb. at 24 months after dropping a 7-months' calf. The whole six average over 21 lb.

"King" is every day vindicating our judgment. He also has over 125 living daughters (75 in our herd), and will serve more 30-lb. cows than any other sire that ever lived. His sons and daughters are looking better every day. They have individuality along with the rest. His sons can never be bought any cheaper than right now.

Write for information concerning one that will put your herd in the front rank.

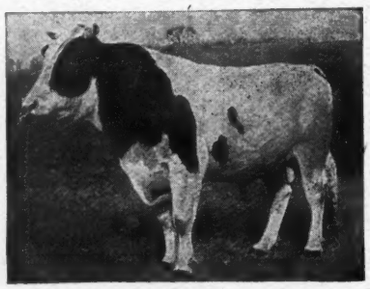
JOHN ARFMANN

FAIRMONT FARM **MIDDLETOWN, N. Y.**

KING LUNDE PONTIAC KORNDYKE

HIS FOUR

nearest sires are King of the Pontiacs, Pontiac Korndyke, Hengerveld De Kol, and Korndyke Queen De Kol's Prince. They are the sires of 404 A. R. O. daughters, 25 with 30 to 44 lb. They each have 1000 lb. year record daughters.



HIS DAM

Lunde Korndyke, one of the finest individuals of the breed, produced 120 bs. milk in one day, 745 lbs. in 7 days, 10191.9 lbs. in 100 days, 26192.7 lbs. in one year, 30.82 lbs. butter in 7 days, 124.02 lbs. in 30 days, 1090.91 lbs. in 365 days.

The Only Son of King of the Pontiacs Whose Dam Has as Great a Combined Semi-Official Yearly Milk and Butter Record

He is a brother to the only 44-lb. cow and to the only 1000-lb. year record two-year-old and to 28 two-yr-olds that have exceeded the 20-lb. mark in 7-day official work. He has 70 young daughters, 40 in our herd. Come and see them and you will realize the great transmitting power of King Lunde Pontiac Korndyke.

When Selecting Your Next Herd Sire

Remember that he is MORE than half the herd. He should be strong, vigorous and of the highest type of individuality, backed by a continuous line of ancestors of the same individual merit, having official records showing a normal persistent production of large quantities of milk and butter. Such qualities insure transmitting power.

WE OFFER six or eight sons of King Lunde Pontiac Korndyke from 9 to 12 mo. old that will please you. They are superior in individual merit and all from high record, persistent producing dams. Some from cows with 25 to 29 lbs. butter, that produced close to 100 lbs. milk per day. We shall be pleased to send you our folder describing them. They are priced very low for quality. An early application will secure one of the best. We also offer some extra good young A. R. O. cows in calf to our great herd sires.

No other herd on earth is headed by two sires, whose dams have as great a combined yearly milk and butter record

E. H. KNAPP & SON P. S. Watch This Space **FABIUS, N. Y.**

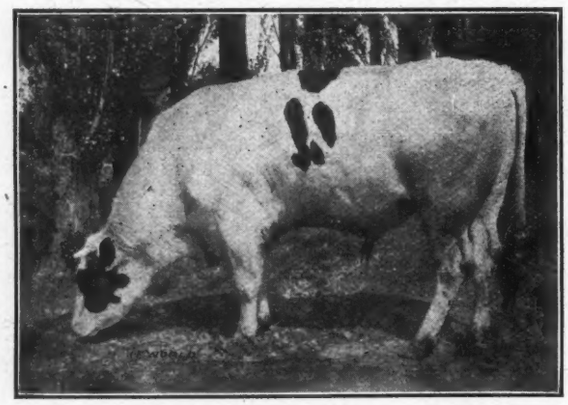
FOR SALE

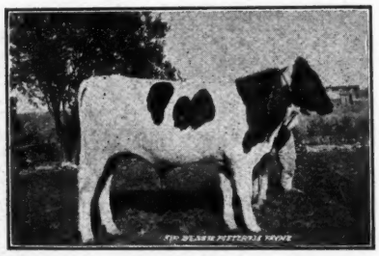
Colonel Beets Segis, No. 50517, a 30-lb. proven son of KING SEGIS. Dam, Paul Beets De Kol Girl, record 30.26 pounds. This grand animal is gentle and right in every respect.

I have also a few of his handsome young sons for sale.

C. S. MULKS, RICEVILLE, IOWA

hy Finderne Pietertje Fayne is the greatest Bull in the World





FOR SALE, son of Finderne Pietertje Fayne and Bessie Piebe Homestead 3d (29.09 lb. at 3 yr.) a full sister to Jessie Fobes Bessie Homestead (34.96 lb. at 4 yr.)

His dam, World's record three-year-old daughter of Johanna Rue 3d's Lad. She has two World's record sisters.

Sire's dam, World's record two-year-old daughter of Hengerveld DeKol out of daughter of Johanna Rue 3d's Lad.

Sire is son of King Fayne Segis out of the World's record six-year-old daughter of Homestead Jr. De Kol.

His junior three-year-old sister, Finderne Holingen Fayne, World's record three-year-old and greatest record, all breeds, all ages in 8 classes.

His junior two-year-old sister, Finderne Mutual Fayne, World's greatest yearly record by wide margin.

Every female relative has high per cent. of fat in her milk.

PERFORMANCE, BREEDING, INDIVIDUALITY

MUNROE COMPANY, R 1, Spokane, Wash.

ADMIRAL WALKER PRILLY, No. 72923

The only bull of the breed whose first five A. R. O. daughters average 19.72 butter in 7 days, at an average age of 2 yrs. 25 days, three of them having made over 20.00 pounds for 7 days, and over 80 pounds for 30 days.

THE STEPHENSON FARM

offers at this time, 3 choicely bred young bulls nearly ready for service. One sired by a 31.82 pound son of King of the Pontiacs, and dam of calf a yearly record cow, sired by a 32.92 pound bull. One by Sir Johanna Lass, a young sire strongly backed by good yearly records on all sides, his own dam an 808.00 pound cow Dam of calf an 18.00 pound 4-yr.-old, sister to a 738.00 pound 3-yr.-old. One by Admiral Walker Prilly, and from a 19.18 pound jr.-three-year-old, now on yearly test. All three splendid individuals, and well grown.

JAMES P. TORREY, Supt.

Kenosha, Wis.

BULL CALF, Born Sept. 24, 1914

Sire, Premier Pontiac, a son of Pontiac Korndyke and Sadie Pontiac Korndyke, 102.4 lb. milk in 1 day, 687 lb. milk and 29.56 lb. butter in 7 days. Dam of calf, Belle Johanna Fayne 116485. 545.9 lb. milk, 23.9 lb. butter in 7 days.

This calf is handsomely marked, more white than black: a choice individual that will please and which can be bought at a very reasonable price. Write at once.

F. H. THOMSON & SON **HOLLAND PATENT, N. Y.**

Polle Butter Boy 152359

Born April 4, 1914. Largely white, a beautiful individual, ready for immediate service.

If you want the best, here is your chance at a reasonable price. Speak quick.

HARRY B. DAVIS
Davisdale Herd
CHESTER, N. Y.

ONE WE HAD PLANNED TO KEEP

Sire—
KORNDYKE BUTTER BOY 38496
38 A. R. O. daughters with records up to 24 lb. at 2 yr. 4 mo.
Making good through both sons and daughters.
Carries 87½ per cent of the blood of Belle Korndyke, De Kol 2d and Netherland Hengerveld.

Dam—
POLLE KORNDYKE
At 2 yr. 3 mo. 8 days—
Butter 20.42
Milk 425.80
One of the best prospects for a great record at maturity that Pontiac Korndyke ever sired.

DE KOL 2d's BUTTER BOY 3d
118 A. R. O. daughters
1 above 31 lb.
3 2-yr-olds above 800 lb. in a year. 86 A. R. O. sons. 22 30-lb. granddaughters.

KORNDYKE QUEEN DE KOL
Butter 7 days 24.42
Milk 501.40
5 A. R. O. daughters
4 A. R. O. sons
5 30-lb. granddaughters.

PONTIAC KORNDYKE
111 A. R. O. daughters, 11 above 30 lb.
The breed's greatest sire.

POLLY POSCH
Butter 34.61
Milk 700.20
Butter 30 days 130.56
Milk 2867.20
2 great record daughters

MANOR DE KOL
34 A. R. O. daughters
22 A. R. O. sons

DE KOL 2d
Butter 26.58
Foundation of De Kol family.

MANOR DE KOL
(See above)
Son of Netherland Hengerveld (26.67 lb.)

BELLE KORNDYKE
Butter 25.77
Foundation of Korndyke family.

MANOR JOSEPHINE DE KOL
6 A. R. O. daughters
5 A. R. O. sons

BELLE KORNDYKE
Butter 25.77
4 A. R. O. daughters
6 A. R. O. sons

BERYL POSCH
4 A. R. O. daughters, one 34 lb.

POLYALBE 2d
Butter 15.95
2 daughters—24 lb. and 34 lb.

LORENZO FARM

Herd sire—Lorenzo Pontiac Korndyke

THE 31-LB. SON OF THE GREATEST SIRE

Carrying 75% of the blood of PONTIAC KORNDYKE

His dam is Pontiac Queen Korndyke, a 31-lb. daughter of Pontiac Korndyke.
His grandam, a 25.7-lb. cow, has demonstrated her wonderful transmitting power.
Lorenzo Pontiac Korndyke is going to be given an opportunity to show his worth in our select herd.

Chas. S. Fairchild, Prop., Cazenovia, N. Y.

N. B. We can offer a few young sons of Lorenzo Pontiac Korndyke, from good record dams.

Our Leading Herd Bull

With his dam and sire

Segis Pontiac De Kol Burke is our ideal of what a sire should be. Consider the following facts concerning him.

Individuality—He has been twice a first-prize winner at the California State Fair; his sire and dam have both been Grand champions at the same show, while his grandsire was twice a first-prizer winner at New York State Fair.

Transmitting Power—He closely combines the blood of De Kol Burke, Pontiac Korndyke, Hengerveld De Kol, King of the Pontiacs and King Segis—together the sires of forty 30-lb. daughters. His near relatives have produced a very large proportion of the greatest milk producers.

Producing Ability—His dam, Riverside Sadie De Kol Burke, is the greatest milk producer the dairy world has ever known, averaging 124 5 lb. milk per day for a month in official test and over 100 lb. per day for six months semi-officially. She has also outdistanced all competition for two consecutive years, with over 54,800 lb. On the sire's side, Pontiac Clothilde De Kol 2d, the first 37-lb. cow, and the first cow to produce over 1000 lb. of butter fat in a year.

His Opportunity—At 2 years old he now has twenty daughters in our herd, including a yearling from Tilly Alcartra, the only 30,000-lb. cow. 75 of our best cows (including Tilly Alcartra) are now in calf to him. Every daughter will be officially tested, and we expect to make him the greatest sire in the West.

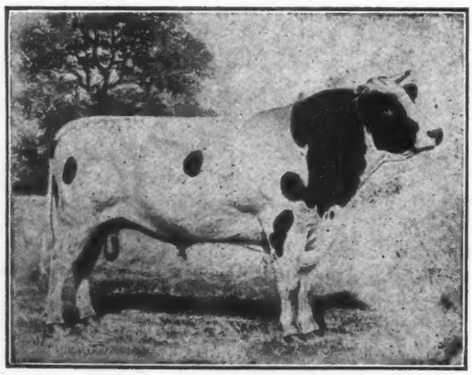
Your Opportunity—A few young sons of Segis Pontiac De Kol Burke are available out of high record cows, severa of which are 20,000-lb. half sisters to Aralia De Kol, the Champion 11 and 12-year-old. You will find our prices reasonable.

A. W. MORRIS & SONS CORP., Woodland, Cal.

RAG APPLE KORNDYKE 48020

The Logical Successor to His Famous Sire

He has 27 A. R. O. daughters including:



Fairwiew Rag Apple De Kol (37.09 lb. at 6 years) who has made three records at 2, 4 and 6 years averaging 30.05 lb.—**an unequalled showing.**

Fairwiew Rag Apple Darkness	4 yr.	27.73
Fairwiew Rag Apple Pauline		26.43
Star Farm Cornucopia Rag Apple		26.41
365 days		882.38
Milk		20388.90
Sadie Vale Korndyke 2d	3½ yr.	25.03

8 others above 20 lb., including a number of 2 yr-olds.

RAG APPLE KORNDYKE

was purchased for	$5,000.00
His dam sold for	8,000.00
His brother sold for	10,000.00
His son sold in public sale for	25,000.00

(The highest price on record)

Prices do not make quality, but quality commands the prices.

Rag Apple Korndyke is a splendid individual, of rugged constitution, weighing 2650 lb. These characteristics he transmits without exception to his offspring. He has over 100 young daughters coming on, and sons at the head of many of the greatest herds.

Is there anything more desirable (all things considered) than a son of Rag Apple Korndyke, from the right sort of a dam? We have a number of them which we are offering at reasonable prices.

JENNINGSHURST STOCK FARMS

W. WORTH JENNINGS, Prop. **TOWANDA, PA.**

Holstein-Friesian World

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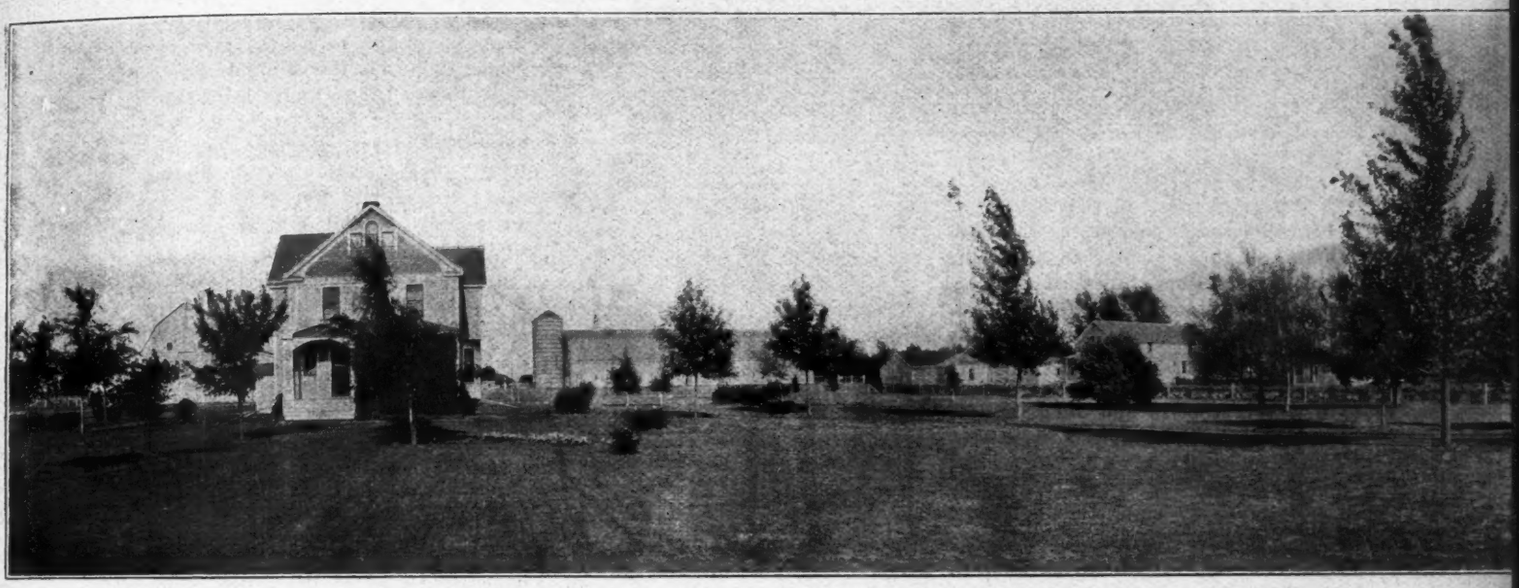


A Trip Among Minnesota Breeders

V. The E. C. Schroeder Herd

By M. S. PRESCOTT

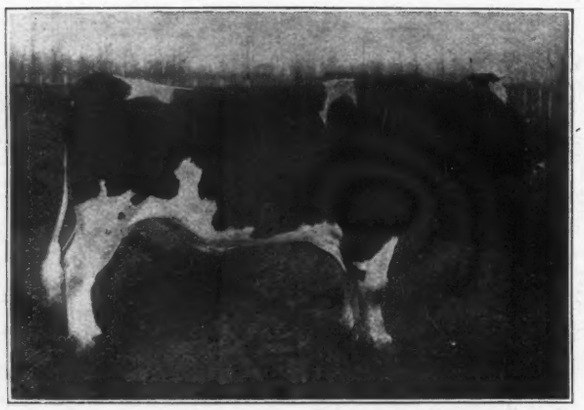
IF WE could pick our ideal cow, could have her just as we want her, almost without exception I believe, specify World's Record breaking ability as a producer, individuality good enough to win in any show ring competition, high record ancestry, and the power of transmitting these characteristics to her descendents. I cannot think of anything else to wish for in this connection unless it might be a whole herd of this quality. The purpose of this story is to tell of a herd that makes a very close approach to our ideal in every particu lar—records, transmitting power, individuality and breeding—a herd that during the year 1913-14 broke as many World's records for milk and butter as any two others, made more 30 lb. records, and won more prize money than any other, and outside the semi-official yearly and eight months' divisions, had more representatives in the prize lists than any other two, in fact very nearly as many as any three other herds—a herd that has also made a most remarkable record in the show ring, that contains several unequaled family groups—in short a herd that has made us revise our standards all along the line—and that herd is located in the Red River Valley of the North, at Moorhead, Minn., the product of the skill of Mr. E. C. Schroeder.

Mr. Schroeder did not grow up in the Holstein atmosphere, or in fact any sort of cattle atmosphere, for his father earned and still bears the title of Potato King of the Northwest. When Mr. Schroeder Junior, started in the business for himself, it was therefore natural that he should con tinue along the lines in which he was brought up, i. e., the raising of Red River Valley Seed Potatoes. In fact this has continued to be an important activity of the Schroeder Farm even up to the present.

After some years Mr. Schroeder noted with uneasiness the fact that the size of his crops was steadily diminishing. He did not stop with worrying about it, but set out to determine the reason why, and then the remedy. A study of the soil, and a careful research and experimentation were the means of installing a herd of eighty grade Holsteins to build up the fertility of the soil. Of course it was not sufficient that the cattle should supply the fertility alone, but each cow was required to show a profit on her milk production. The milk was systematically weighed and by the process of selection a very profitable herd of grades resulted.

Mr. Schroeder, however, was not satisfied (a necessary preliminary to real progress and achievement). His bull calves were practically valueless, while breeders of pure bred Holsteins right in his own state were disposing of theirs at what seemed like fabulous prices. A little more figuring and the herd of grades was doomed. On November 13, 1909, the foundation for the purebred herd was laid by the purchase from Messrs. Irwin, G. L. Miller and W. F. Schilling, of 28 head of females for $9250.

The most important acquisition was the purchase of the two year old sire, Sir Pietertje Ormsby Mercedes, from Mr. J. B. Irwin. He was a son of the sensational 3-yr.-old, Pietertje Maid Ormsby, who had just completed her records of 26.17 lbs. in 7 days and



SIR PIETERTJE ORMSBY MERCEDES—Senior sire in the Schroeder herd. A shining illustration of the influence of the sire upon the herd.

107.78 lbs. in 30 days, being the third heifer in three months to break the record of Katy Spofford Corona, which had stood at the top for over seven years. She was individually faultless and Sir Pietertje Ormsby Mercedes himself was good enough to win first prize and Junior Champion at both the Minnesota and Wisconsin State Fairs, as a yearling the preceding fall. Sir Pietertje Ormsby Mercedes was sired by Jack Mercedes, a son of Mercedes Mechthilde Pietertje, one of the earlier sons of the first 29-lb. cow, Mercedes Julip's Pietertje, who was also the dam of Mercedes Julip's Pietertje Paul, the sire of King Segis.

At the time Sir Pietertje Ormsby Mercedes came to the Schroeder herd we said his dam had just completed her three year old record. It is not necessary to go into details of her succeeding achievements, as they are so universally known. It might not be out of place, however, to state that, as a 6-yr.-old, she made a record of 35.56 lbs. in seven days and 145.66 lbs. in 30 days, the latter standing as a World's record at that time and the former ranking third.

No additions have been made to the herd through purchase. The entire herd consists of five cows of the original purchase and their descendants, mostly sired by Sir Pietertje Ormsby Mercedes, and that is why we spoke of him as "the most important acquisition." The daughters of Sir Pietertje are just alike in respect to type and, as heifers, have established new standards for the daughters of one sire. He has 38 A. R. O. daughters, 37 of these tested as junior two year olds averaging 18.328 lbs. butter at the average age of 2 years and 1 month.

27 junior twos, at average age of 2 years, 1 month, average 20.102 lbs.

4 senior twos, at average age of 2 years, 10 months, average 24.356 lbs.

5 junior threes, at average age of 3 years, 2 months, average 26.408 lbs.

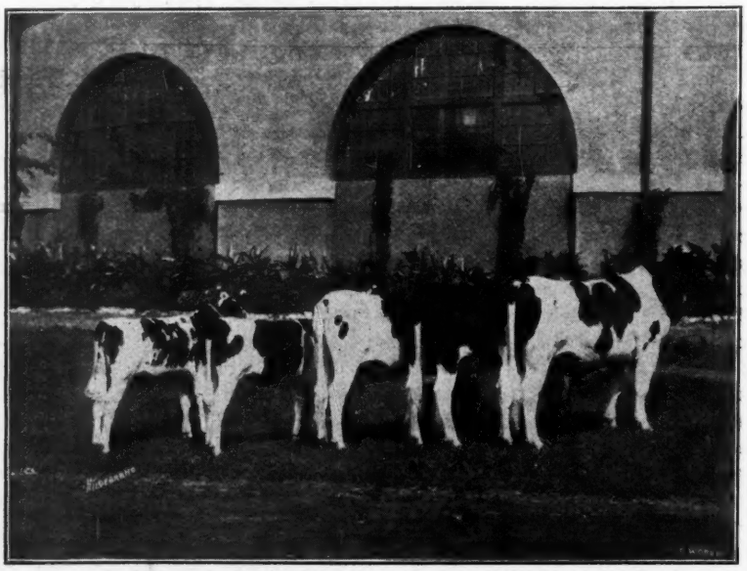
1 senior three, at the age of 3 years, 8 months, average 25.130 lbs.

Twenty junior two year old daughters of Sir Pietertje Ormsby Mercedes who have finished yearly records average 631.897 lbs. butter and 14024.8 lb. milk at the average age of 24 months. One senior two finished the year with 20825.2 lb. milk, 980.2 lbs. butter, and a junior three with 21245 lbs. milk, 889.90 lbs. butter. A number of these records were made by heifers spending three months of their time on the show circuit. All of them have carried a calf the greater part of the year which adds greatly to the value of the records. Twenty-six of his daughters won places in the prize lists this past year, far more than any other sire of any age, his nearest competitors being King of the Pontiacs with 17 and Sir Veeman Hengerveld with 11, thus falling short only two of as many as any two other sires. His daughters won $347.50 in prize money, an unheardof amount for 2 and 3-yr.-old daughters of one sire. In fact Pontiac Korndyke and Hengerveld De Kol are the only sires whose daughters of all ages have ever won as great an amount in any one year.

The daughters of Sir Pietertje Ormsby Mercedes, then, comes close to our ideal in respect to production. But what of their individuality? In that respect, too, they will bear comparison with the best. At the National Dairy Show, conceded to be the strongest competition in the United States, daughters of Sir Pietertje Ormsby Mercedes have won first prize four successive years; Junior Champion three times; Grand Championship once; First Prize Get of Sire twice (only times exhibited in this class). In 1914 his daughters won 1st, 2d and 4th in the 3-year-old class; 1st and 2d in the 2 year old; 1st and 5th in the junior class; 1st Get of Sire, and were placed in every other female class below 3 years. At the Iowa Dairy Cattle Congress, Waterloo, an even better showing was made, with 1st and 2d in the 3-year-old, 2-yr.-old and senior yearling classes. The "Get of Sire," "young herd" and "calf herd," the last two composed mostly of daughters of Sir Pietertje Ormsby Mercedes, were undefeated through the entire season of three months at 11 of the largest fairs in the midle west including Winnipeg, Minnesota, Iowa and Utah.

So much for the daughters of Sir Pietertje Ormsby Mercedes, as a whole. * * * * *

It was my good fortune to be present at the National Dairy Show last year, and I was wonderfully impressed with the appearance of these daughters of Sir Pietertje Ormsby Mercedes. It semed to me that the combination there represented of un-

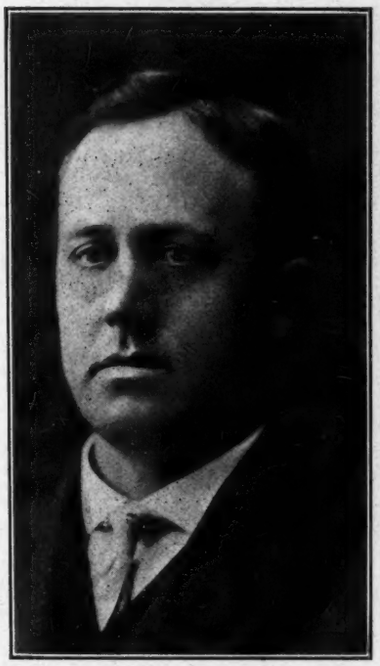


First Prize Breeder's Young Herd National Dairy Show 1914. Bred and owned by E. C. Schroeder.

equalled records, individuality that placed them at the top, and their known high record ancestry, made them close to my ideal. I was accordingly greatly pleased at the opportunity, shortly after the Dairy Show, of making a trip into Minnesota, and seeing the balance of the Schroeder herd, as well as many near relatives in other Minnesota herds.

Leaving Minneapolis along toward midnight, I took the Northern Pacific for Dilworth, a small station nearer the farm than Moorhead, which is the post office address. After arriving at my destination shortly after daylight, I deserted the ship and the friendly porter and began to forage for rations, an operation attended with no difficulty as the only eating place was almost within a stone's throw of the depot. After downing my pork and pancakes I set out up the railroad track to the Schroeder farm, which was out about two miles. It was a cold, sunny day, with just enough snow to whiten the prairie, which stretched out in every direction as far as the eye could reach. A few trees dotted the landscape here and there around the farmsteads, although, of course, all have been set out by hand. Arriving at the farm, I could not help comparing the lay-out with the majority of places seen throughout the west, where beef cattle found their housing in low sheds and around straw stacks. Here was every appearance of prosperity—everything in order—silos, impressive yet practical buildings—a home, not simply a place to eat and sleep in.

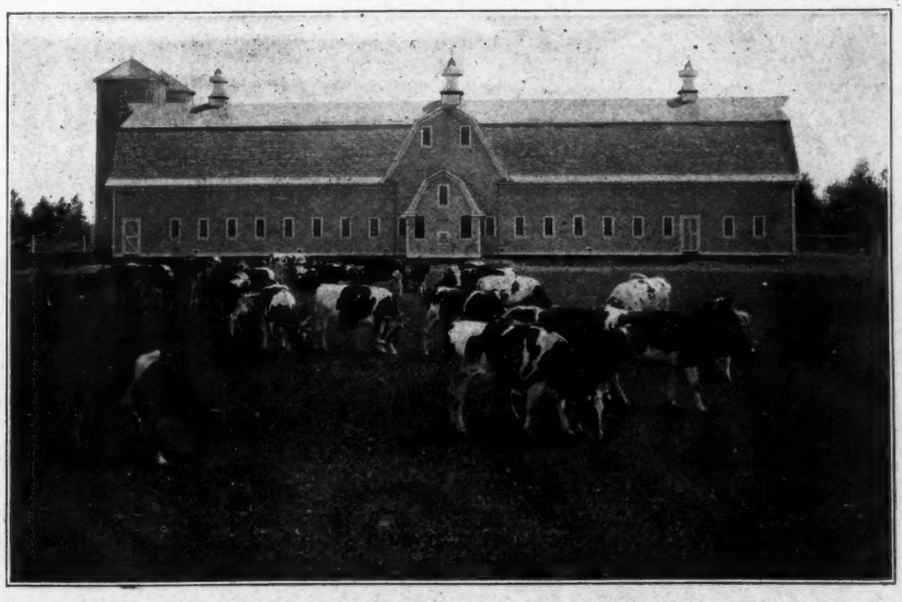
I had seen Mr. Schroeder in Chicago on my way out, where he was obliged to stay to look after his exhibition herd, marooned in the stock yards on



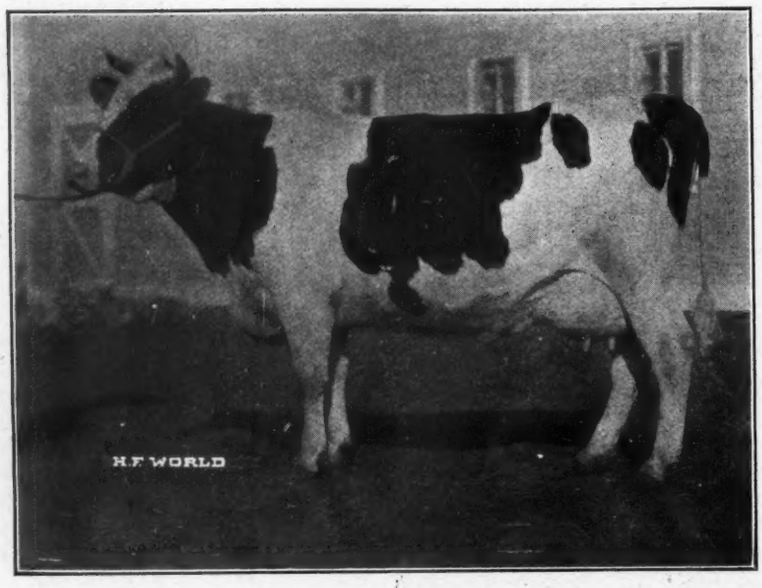
MR. E. C. SCHROEDER

account of the Foot and Mouth disease. Few of us, I believe, realize just what this Chicago calamity meant, and is still meaning to the men who brought there their most valuable animals, and then to have to fight to the limit to keep them from being slaughtered outright. In Mr. Schroeder's lot was the 34.6-lb. former World's Record senior 3-yr.-old, Glen Canary De Kol, considered a likely candidate for a 40-lb. record at next freshening, Jr. two year olds with records up to 23 lbs., about $9,000 worth of bull calves, already sold, and to be delivered after the show; and so on through the list of 31 head. Mr. Schroeder told me that it might not be worth while to make a trip to his place, in view of the fact that so many of his best ones were not there, but when I stepped into the barn I realized as never before what I would have missed if I had not made the trip. There was Spring Brook Bess Burke, a cow of great size and splendid conformation, in fact a prize winner at the National Dairy Show in 1913. She has extraordinary milk veins, and was altogether better than her record of 34.81 lb. butter would indicate. I saw also her daughter, Bess Pietertje Ormsby Mercedes, the World's Champion 3-yr.old milk producer, with 759 lb. in 7 days, 3092.1 lbs. in 30 days, and butter records that rank with the best—33.15 lb. in 7 days; 130.89 lbs. in 30 days. She produced 114.1 lbs. milk in a day. She has the size and rugged constitution characteristic of her breeding, being by Sir Pietertje Ormsby Mercedes, certainly a remarkable milk machine. A perfect net-work of veins cover her udder and belly. Mr. Schroeder is retaining her last calf as a junior herd sire.

Another daughter of Spring Brook Bess Burke, Spring Brook Bess Burke 2d by name, was dry at the time of my visit. She was of massive build, weighing a ton before freshening and yet not beefy, as may be seen by the illustration. When she freshened, it was an easy matter for her to make a 7 day record of 36.119 lb. butter, 736.1 lbs. milk with 146.4 lbs. butter, 2956.4 lbs. milk in 30 days. Her sire is Sir Johanna Canary De Kol, a son of Canary Mercedes Paul, (2 daughters over 30 lb.) and likewise the sire of the 34.6 lb. 3-yr-old, Glen Canary De



THE SCHROEDER HERD 1914—Taken when the show herd was away. Note that not all the good individuals were making the fair circuit.



SPRING BROOK BESS BURKE 2d—Butter 7 days, 36.12; milk, 736.10; butter 30 days, 146.68; milk, 2956.40. Two 21-lb. junior 2-yr-old daughters, one making 26 lb. at 3 years. A daughter of Sir Johanna Canary De Kol and Spring Brook Bess Burke (34.81 lb.) Owned and developed by E. C. Schroeder.

Kol, previously mentioned, and Queen Piebe Mercedes, a 30-lb. junior 4-yr.-old. Spring Brook Bess Burke 2d has one daughter, Bess Mercedes Ormsby, who made at 2 years, 1 month, 21.44 lbs. butter and at 3 years, 3 months, 26.25. Spring Brook Bess Burke has two other daughters, namely, Bess Pietertje Ormsby, 21.55 lbs. at 2 years, 2 months and Bess Burke Ormsby 21.35 lbs. at 2 years, 2 months.

Here is an average for Spring Brook Bess Burke and her two oldest daughters (one a junior three year old) of 34.68 lbs. butter, 708.6 lbs. milk in 7 days, 132.08 lbs. butter, 2926.9 lbs. milk in 30 days—averages unapproached in any particular by any other family. These 30-day records are more creditable in comparison with the 7-day, when it is considered that the 30-day record of Spring Brook Bess Burke was made the preceding year in connection with a 29-lb. 7 day record. The group picture showing three is worthy of considerable study, and gives us a high standard to aim for in respect to individuality as well as production.

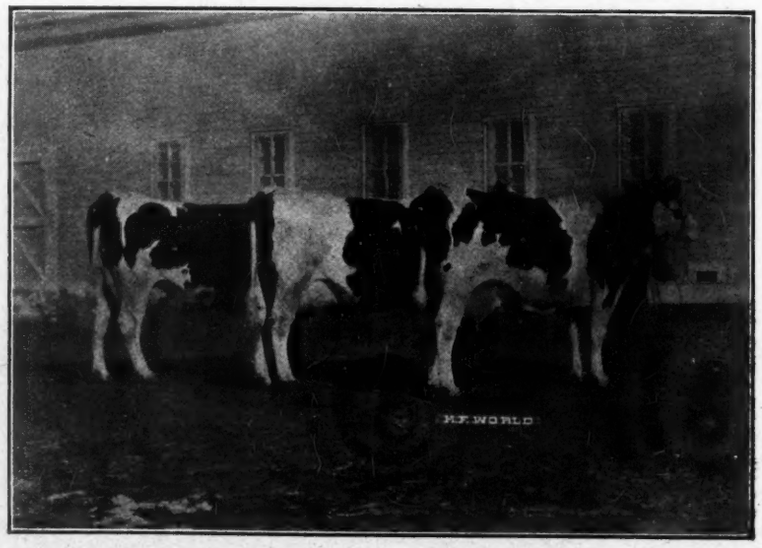
Spring Brook Bess Burke and her 4 daughters (1 junior three and 2 junior two year olds) average 29.397 lbs. butter in seven days. This is also unapproached by any similar combination in the World.

In this family are twelve females, all large and splendid individuals. Every member tested has made a wonderful showing.

Queen Piebe Mercedes, the World's Record senior two year old, (sired by Sir Pietertje Ormsby Mercedes) is a beautiful heifer, winner of a place at the National Dairy Show 1913. She shows wonderful capacity for a heifer her age, and carries a nice, level even udder, with good mammary veins, although of course she did not show up quite as well in this respect, on account of being on the home stretch of her yearly test. She finished with flying colors, annexing second place for both butter and milk, with 980.2 lbs. butter and 20,825.2 lbs. milk. Her first calf was dropped at the age of 1 year and ten months and this record breaking performance was started fifteen days after the close of her semi-official record of 517.42 lbs. butter, 11,477.9 lbs. milk in 355 days. She should be heard from further when she matures. Her sister. Queen Piebe of Fairview 2d, from the same dam and sired by Sir Johanna Canary De Kol, who has been previously mentioned, has a record of 30.13 lbs. butter at 4 years and 2 months. She too, is an extra good individual, and has just completed a year's record of 18,790.5 lbs. milk, 770.6 lbs. butter. A junior two year old daughter of hers at 26 months, produced in 7 days, 24.64 lbs. butter and in 30 days 101.60 lbs. being the best daughter of her sire in the latter class and division. Another daughter, a yearling, was first at nearly all the eleven fairs attended in 1914. Queen Piebe Mercedes has a full sister, Queen Ormsby Pietertje, who has at 24 months of age produced 20.71 lbs. butter in seven days.

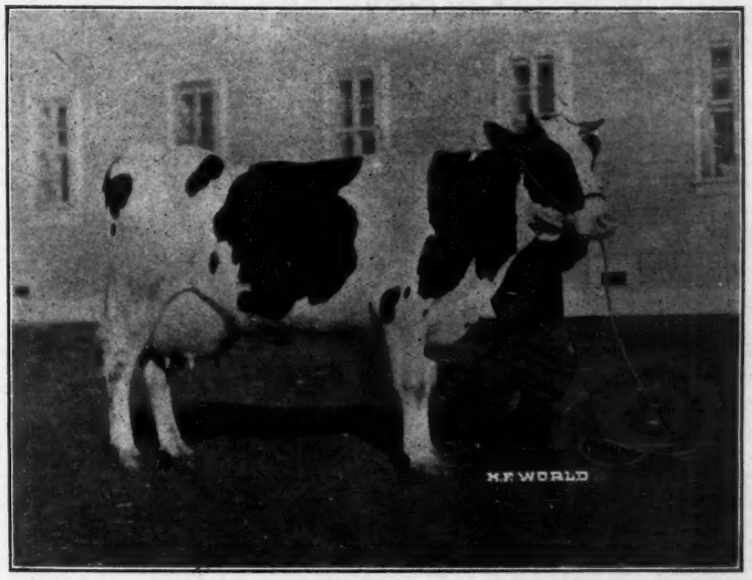
Aaggie Wayne Peep is another member of the herd that has proved her merit. At 4 years, 8 months of age she produced in 7 days 31.31 lbs. butter; 129.38 lbs. in 30 days, and has recently finished her year with 21821.2 lbs. milk, 974.3 lbs. butter, one of the largest ever made by a heifer her age. The preceding year, at 3 years, 4 months, she produced 869.51 lbs. butter, 18,500.8 lbs. milk, winning fourth prize for the year. Her four year old record would have won second last year. On each one of her six records made before the close of her last official year, she has been well up in prize money, although in two instances debarred from winning by the rule of limitation. She is a producer and has the conformation to go with it. She is sired by Aaggie 3d's Wayne Paul De Kol, who has two other daughters over 30 lbs. She has further proved her quality by producing a daughter, Aaggie Wayne Pietertje Ormsby, with a 7-day record of 25.31 lbs. as a junior two year old. She finished the year with 15,426.4 lbs. milk, 688.59 lbs. butter. Her 7-day record stood second for the year just past.

Another of the good foundation cows



SPRING BROOK BESS BURKE (34.81 lb., 630.8 lb. milk), and her two daughters, Spring Brook Bess Burke 2d (36.12 lb., 736.1 lb. milk), and Bess Pietertje Ormsby Mercedes (3 yr. 33.15 lb., 759.0 lb. milk). World's records for both butter and milk for mother and two daughters. All owned and developed by E. C. Schroeder, Moorhead, Minn.

is Riverview Fytje De Kol Ormsby, the Champion yearly producer of Minnesota, for both milk and butter, with 26,134.2 lbs. milk, 1070.75 lbs. butter. She began her year with a 7-day production of 29.98 lbs. and thus has had a remarkably even run for the year. She is a cow of large size, being very heavy bodied, and with extraordinary milk veins. She is a daughter of Duchess Korndyke De Kol (he from the 30-lb. cow, Susie De Kol Paul), and is from a granddaughter of Paul Beets De Kol. She has further proved her greatness by her offspring, having one 27-lb. 5-yr.-old daughter, one 25-lb. 4-yr.-old, and another, Fytje Pietertje Ormsby Mercedes, the heifer with 23.15 lbs. at 24 months of age. She won first at the National Dairy Show last year in the three-year-old class. She won also the first prize for A. R. cow shown with two of her progeny. One of her sons was the first prize yearling. The daughter evidently inherits her mother's persistency, producing 18,431.7 lbs. milk, 783.35 lbs. butter in a year—one of the best in the junior two year class.



BESS MERCEDES ORMSBY—Butter 3 yr., 26.25; butter 2 yr., 21.44. A daughter of Sir Pietertje Ormsby Mercedes and Spring Brook Bess Burke 2d (36.12 lb.) Owned and bred by E. C. Schroeder.

Another family worthy of mention is that headed by the old foundation cow, Glen De Kol Artis 3d. She is sired by Homestead Jr. De Kol and is from a daughter of De Kol Burke. At the age of 8 years and 10 months she produced in 7 days 22.8 lbs. butter. That she is of the right type can be seen in the fact that she won first place for Advanced Registry cow at the National Dairy Show in 1913. At the Minnesota State Fair in 1914 she won the Grand Championship in exceptionally strong competition. Her oldest daughter is Glen Canary De Kol, the former World's Record three year old with 34.59 lbs. butter in 7 days and 139.8 lbs. for 30 days. A daughter of this heifer, sired by Sir Pietertje Ormsby Mercedes, has a record of 20.71 lbs. butter in 7 days at 24 months of age. A two year old son, (also sired by Sir Pietertje Ormsby Mercedes) is in service in the herd of W. J. Gillett and Son. Glen De Kol Artis 3d has another daughter with 22.04 lbs. as a two year old. She has a daughter and two granddaughters not yet tested.

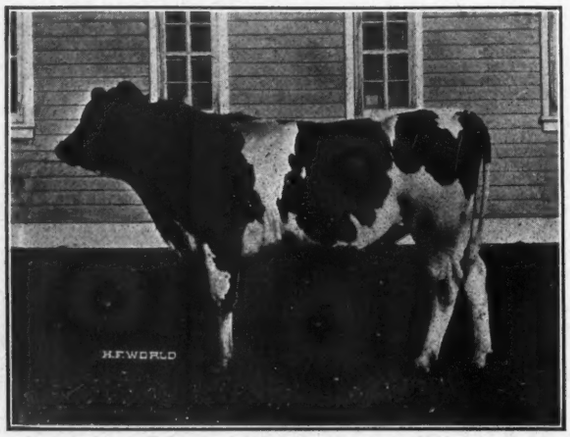
Jenny Wren Lassie 2d is another foundation cow who has given a good account of herself. She is a cow of great size and splendid individuality. She has a record of 25.396 lbs. butter in seven days at 10 years, 2 months of age. She has one daughter with 23.3 lbs. at four years. Jenny Wren Ormsby, another daughter, has a record of 21.9 lbs. as a junior two year old. At the Canadian Industrial Exhibition at Winnipeg, Can., she was Grand Champion and at the National Dairy Show in 1914 stood second in the three year old class, being beaten only by her sister, Fytje Pietertje Ormsby Mercedes, previously mentioned. The third daughter, Jenny Wren Pietertje, was a strong winner at every fair shown. At Waterloo she was second in the yearling class (her sister standing first) and at the National Dairy Show, 4th. The youngest daughter, Jenny Wren Mercedes, as a calf won first at the National in 1914.

GLEN DE KOL ARTIS 3d—Butter, 22.21; milk, 582.90. Grand champion at Minnesota State Fair 1914. Dam of the former World's Champion 3½-yr-old, Glen Canary De Kol, (34.59 lb.) and a 22-lb. senior 2-yr-old. She is a daughter of Homestead Jr. De Kol, and is a member of the E. C. Schroeder herd.

On account of the yearly work in which the whole herd is engaged, the testing season this year is late, and only a few records have thus far been made. During the last year and up to the present time, 7 30-lb. records have been made. One of these cows has been sold but the remaining six (two 3-yr.-olds, two 4-yr.-olds and two mature cows), with one two year old in addition, average for the seven, 32.7 lbs. This achievement we believe cannot be duplicated in any other herd.

In addition to these I was shown a wonderful lot of heifers by Sir Pietertje Ormsby Mercedes, with two year old records ranging from 20 to 25.1 lbs. They were every one the same type and practically all good enough to make the trip around the show circuit. The view of the herd left at home, minus the show herd, published in connection with this article, will serve to emphasize the point.

I have not said anything about my impression of Sir Pietertje Ormsby Mercedes, as an individual, but it



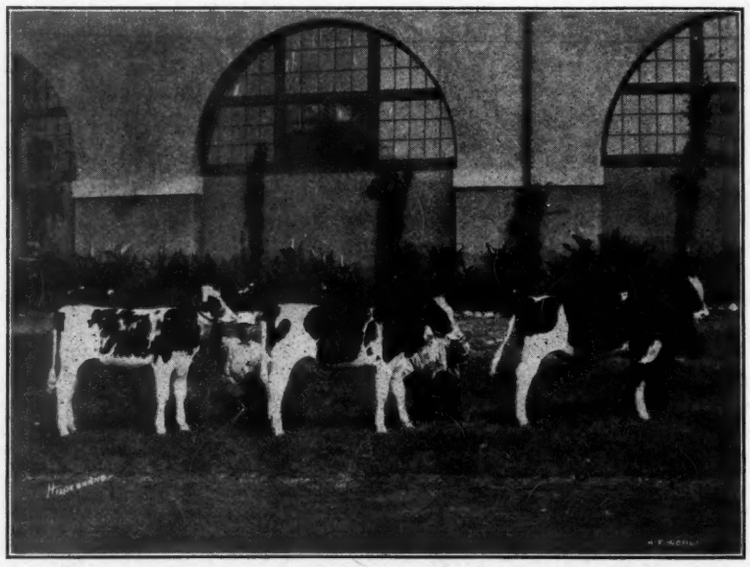
SIR KORNDYKE BESS—A son of Sir Korndyke Hengerveld De Kol 36th (1st Prize National Dairy Show Winner) and Bess Pietertje Ormsby Mercedes (33.15 lb), the world's champion 3-yr-old milk producer. Junior sire in the Schroeder herd.

might be inferred from the character of his offspring that he is strong in the points wherein his daughters excel. As I looked him over, there in his stall, I decided that he was very hard to fault. He is very long bodied, with exceptional depth of barrel, as well as through the heart. His top line, from the long square rump to his strong shoulders, with crested neck and fine, shapely head, is just as it should be. His carriage is proud and kingly, as though he realized his greatness, and with every indication of abounding vitality. His hide is like satin, with plenty of substance, but so mellow and unctuous that you get a whole handful when you take hold of it. His rudimentaries are small, but very well placed, which reminds us that his daughters all have very square udders—full in front quarters. He is much the sort of a bull to be expected from a cow of the quality of his dam, and the characteristics of Pietertje Maid Ormsby are very noticeable in nearly all the daughters.

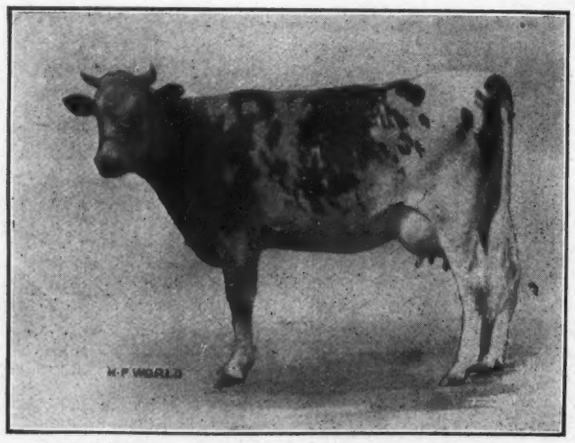
Contrary to a statement made in a previous issue of the World, no interest in Sir Pietertje Ormsby Mercedes has been sold.

Mr. Schroeder has purchased of Mr. J. B. Irwin, one-half interest in the last son of Pietertje Maid Ormsby, for future use. In addition to these sires are two 2-year-olds of exceptional individuality and breeding. One of these, Sir Korndyke Bess, a son of Bess Pietertje Ormsby Mercedes, the 33 lb. junior three year old daughter of Spring Brook Bess Burke, 34.8 lb. and Sir Pietertje Ormsby Mercedes. Sir Korndyke Bess as a calf defeated, at the North Dakota State Fair, King Homestead De Kol, the 1911 Grand Champion sire at the National Dairy Show. Mr. Schroeder has sold one-half interest in this sire to Mr. T. H. Skrei, of Glyndon, Minn., a breeder who is coming rapidly to the front. The other sire mentioned is Sir Pietertje Ormsby Mercedes 37th. He is sired by Sir Pietertje Ormsby Mercedes and is from Spring Brook Bess Burke 2d, the 36.1 lb. daughter of Spring Brook Bess Burke 34 lbs. One half interest in this sire is held by Mr. John Erickson, of Waupaca, Wis.

If this sketch has achieved its purpose, it will have shown that the success of the Schroeder Holsteins is won by having everything as well born as possible—from high record, transmitting ancestry—measuring up to certain established standards of individual quality—and then giving them the best possible chance for development. The combination needs no recommendation. Its merit is self evident. The varying degrees of success in breeding depend upon the skill and good judgment employed. Mr. Schroeder has proven his possession of these attributes in the highest degree. His has been a practical demonstration—not one requiring a vast outlay of capital for a start. He simply secured a good foundation, and then, through the medium of a prepotent sire, has built up the herd naturally, until in many respects it is in a class by itself.



First Prize Calf Herd, National Dairy Show 1914. Bred and owned by E. C. Schroeder.



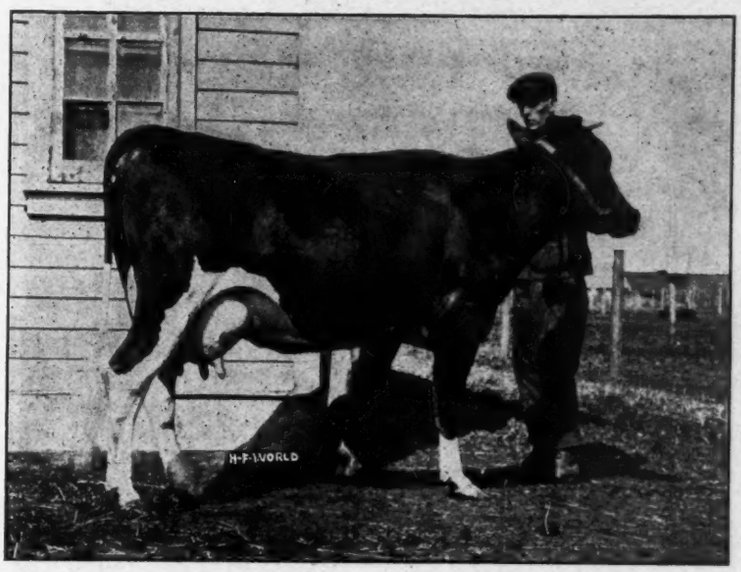
BESS BURKE ORMSBY—At 2 yr. 4 mo., butter 7 days, 21.39; butter 30 days, 88.30. A daughter of Sir Pietertje Ormsby Mercedes and Spring Brook Bess Burke (34.81 lb.). Owned and bred by E. C. Schroeder.

Breeding and Developing Holsteins

Address given by Irving M. Avery, Manager of Auray Farms, Sparta, N. J., before the Chester County Holstein-Friesian Breeders' Association, at their annual meeting, Westtown, Pa., June 12th, 1915.

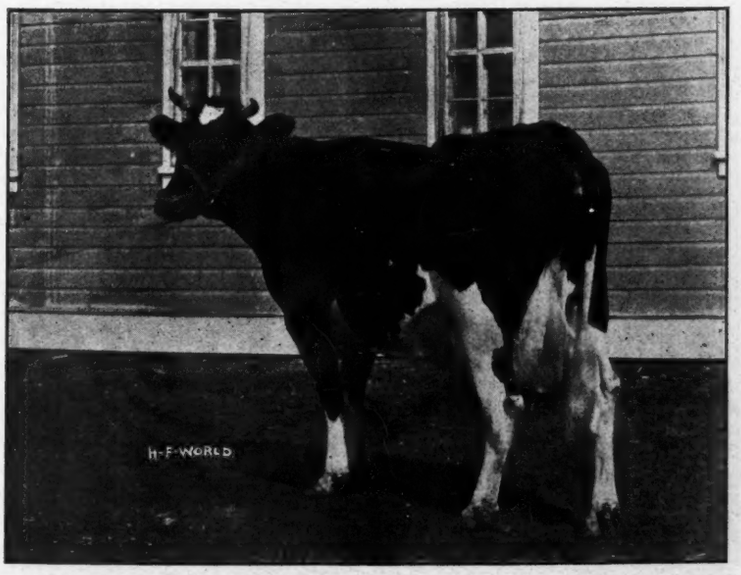
I AM sure that I fully appreciate the honor extended to me through the medium of your President's kind invitation to come into your State and meet with you today, and the privilege as well of saying a few words to you upon topics of interest to us all. Mr. Way has kindly (or unkindly) refrained from designating a subject—therefore I have chosen my own and feel free to ride favorite hobbies; although at first I felt just a little like the man who fell off the dock, and when rescued by a policeman and asked how he came to fall in, replied: "I didn't come to fall in—I came to fish." He knew what he came for but the other did not—you are doubtless wondering about my purpose here, but I know that I came to say a little something about breeding and developing pure bred Holstein-Friesian cattle. I fully appreciate the difficulty of saying anything particularly new or startlingly original; but if I succeed in calling to your attention even a few ideas, new perhaps to some—ideas that will help make for progress toward the more successful development of our breed in Chester County, I shall feel amply repaid.

You are all doubtless ready to concede the truth of the well worn breeders' axiom: "the bull is half the herd, etc., etc." Therefore if the bull is acknowledged to be the most important single factor, let us by all means commence with the proper selection of a desirable herd sire. First of all we want as nearly perfect an individual as possible—large, well set up, masculine and all that. However, qualifications other than looks are vitally important. If a bull lacks breeding and has nothing but good looks to transmit to his offspring he is of little value to the practical dairyman. If, on the other hand, he is bred to perfection but lacks individuality and the power of getting handsome rugged calves, he is of about equal value. If he combines individuality with excellent breeding and A. R. O. performance, but lacks the power of transmitting either quality to his offspring, he is equally undesirable. It is the inherent ability, known as prepotency, to transmit certain definite and highly desirable qualities, that we are all after and should keep in mind when selecting a herd sire.



QUEEN PIEBE MERCEDES—At 2 yr. 10 mo., butter 7 days, 29.84; butter 30 days, 116.74; (World's records when made). Butter 1yr., 980.21; milk, 20825.20. (1st Prize 1914-15 for both butter and milk—and the second largest records ever made in her class.) A daughter of Sir Pietertje Ormsby Mercedes. Bred, owned and developed by E. C. Schroeder.

How may we best set about this systematically and intelligently? First decide which particular family or combination of blood you wish to breed from. Next choose the particular sire from which you wish to breed. And finally select (as far as your means allow) a bull from a dam that meets every requirement. In choosing a bull I should pay particular attention first to the immediate dams in his pedigree, and then for three or four generations back; assuring myself that every one was a prolific and regular breeder, a satisfactory performer and the dam of good daughters. In the selection of foundation females I should reverse the order and pay particular attention to the sires, as shown by the performance of their daughters. To my mind a herd bull bred from several generations of producing A. R. O. dams, each showing consistent improvement over her predecessors, and all known to be regular breeders and persistent milkers, is far preferable to an animal bred from a phenomenally large record dam whose ancestors have shown little or nothing. They may have been dairy wonders without opportunity perhaps, but how can one



FYTJE PIETERTJE ORMSBY MERCEDES—At 2 yr 19 da., butter 7 days, 23.15; butter 30 days, 90.10; butter 1 year, 783.35; milk, 18431.70. First Prize 3-yr-old at the National Dairy Show 1914. A daughter of Sir Pietertje Ormsby Mercedes and Riverview Fytje De Kol Ormsby 29.98 lb. in 7 days—1070.75 lb. in a year.) Bred and owned by E. C. Schroeder.

SPRING BROOK BURKE—Butter 22.71; milk 657.80. 4 A. R. O. daughters including Spring Brook Bess Burke (34.81 lb.) A daughter of De Kol Burke. Owned by E. C. Schroeder.

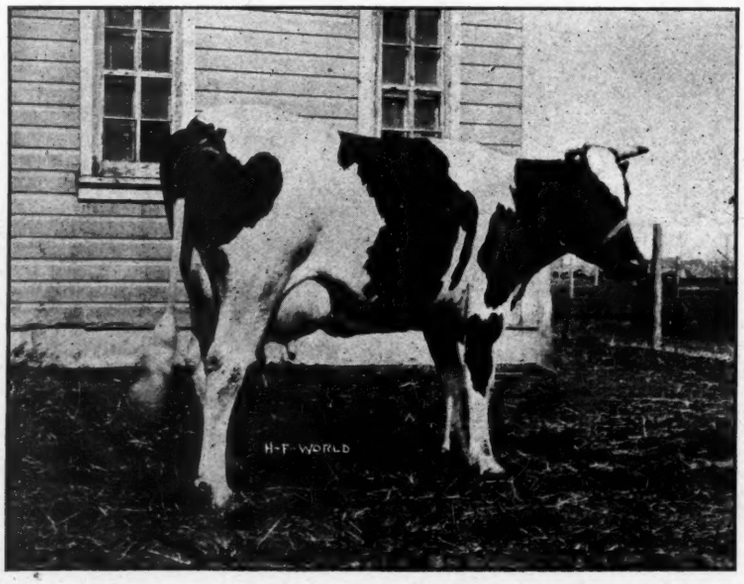
be sure? The safest guarantee lies in the A. R. O. records.

If past performance is satisfactory, then let individuality aid in selection; but I should always put performance first. By that I do not mean to suggest that a man should necessarily pick out a freak or a peculiar specimen; but I do believe that he should select an animal backed by at least three generations of producing ancestors of proven ability, even though such animal may not be of exactly correct show ring type; (provided always that no inherited blemishes appear) in preference to a showy and attractive individual of doubtful ability, whose immediate ancestors have been failures or non-producers. We all of course want fine individuals, but still more we want performers and producers. I'd rather own a sire that could put good udders on his daughters than one that could only get pretty horns or perfect tail settings.

Now any animal is liable to throw back, and is quite as likely to transmit the qualities of the great grandsire or great grandam as those of the sire or dam. Here is where the value of the A. R. O. record is demonstrated—hence the advisability of breeding from a bull with as complete a list as possible of A. R. O. sires and dams. Let us consider just one other feature in the selection of our bull viz: the age of his sire and dam at the time of his birth. To many this may seem a matter of small importance; but I believe, and indeed statistics and a study of the records of our Association will show, that in a majority of cases best results are obtained from the mating of mature animals of proven ability. So, all things being equal, I should give preference first to a bull from a mature sire and mature dam; second to one from a mature dam and an immature sire; and third to one from a mature sire and an immature dam, disregarding if possible the animal bred from a yearling sire and a young undeveloped dam. I am often asked this question: "In selecting a herd bull would you give preference to a 25 lb. mature dam as against a 2-yr-old with an equal record?" and I reply: "Guarantee me that the phenomenal 2-yr-old heifer will breed on and show consistent improvement year after year until matured, and I'll unhesitatingly say 'yes'—otherwise, 'no.'"

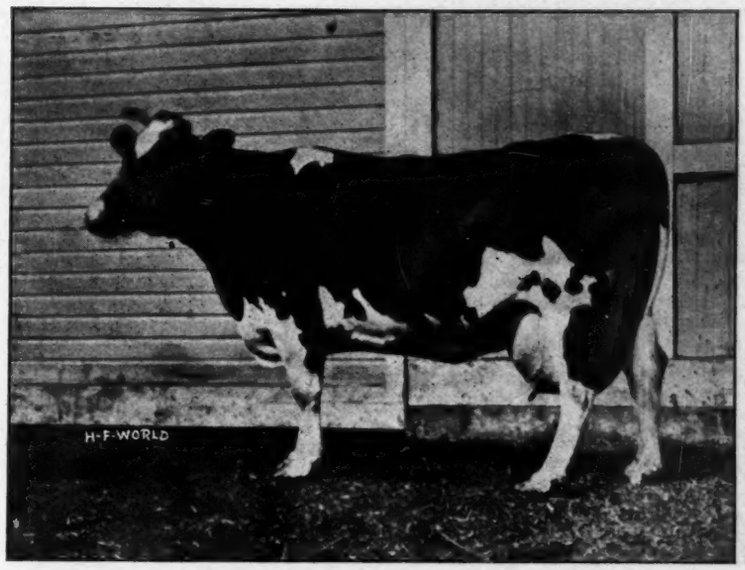
I am a firm believer in having a system and making a specialty and I believe in systematic and definite line breeding with a particular object in view. In our case we have bent our energies to combining the blood of De Kol 2d with that of King Segis, year after year, endeavoring to increase size, capacity and the ability to produce increasing quantities of milk testing in the neighborhood of 4 per cent. We try to keep in mind the ideal Holstein cow; and would rather develop an animal giving 600 quarts of 4 per cent milk than one capable of giving but 500 quarts which would test 5 per cent. I suppose a combination of the two extremes might be still more desirable, but somehow with us the higher they test the less they give, and possibly you have encountered the same experience.

But to return to line breeding—that as you know is the judicious mating of animals belonging to the same family or families but not closely related; while, per contra, inbreeding is the mating of animals directly related, such as breeding a sire to his own daughters. It has always seemed to me that inbreeding, while perhaps a good thing when practiced by an expert, is practical for only the life time of a single individual—ultimately its continued and indiscriminate practice results in a decrease of constitutional vigor, loss of prolificacy, lessening of size and weakening of power. Now a prepotent animal may transmit either desirable or undesirable qualities as the case may be, and of course the former result is preferable; but unfortunately no guarantee goes with the mating, and as a rule the more prepotent the sire, the less so the offspring. The great factor therefore as may readily be seen is proper selection; the object being to retain in the



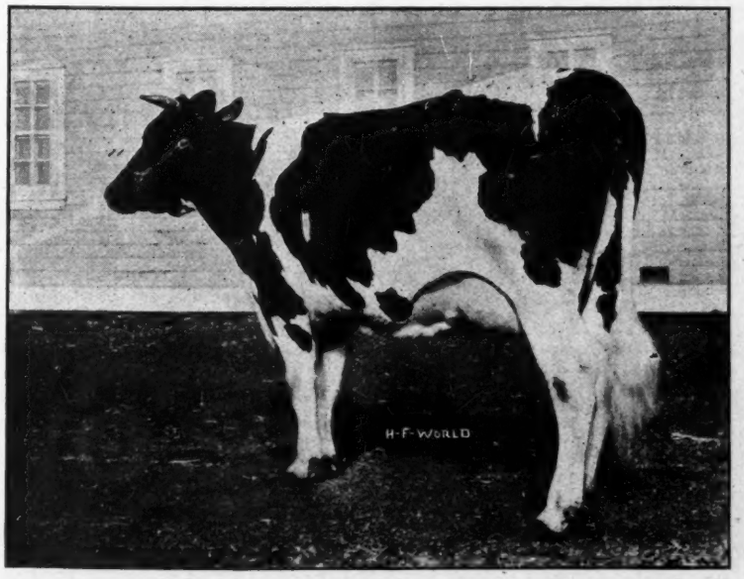
QUEEN PIEBE OF FAIRVIEW 2d—Butter 4 yr., 30.13; milk, 586.80; butter 30 days, 115.24; milk, 2480.10. One 24-lb. 2-yr-old daughter. Another good daughter of Sir Johanna Canary De Kol. Owned and developed by E. C. Schroeder.

herd those animals inheriting the sire's prepotent qualities, in the case of males and his desirable dairy qualities in the case of females. The inexperienced breeder had best stick to line breeding which is safe, crossing out say every third generation to preserve size, stamina, fecundity and transmitting ability, but coming back always to the chosen family or combination of blood. By a consistent system of line breeding, with perhaps occasional instances of judicious and well advised inbreeding to intensify and firmly fix some particularly desirable quality, faithfully adhered to over a period of years, some of the greatest herds of the breed have been developed. Hit or miss methods of breeding including the indiscriminate use of any and every sire, provided he is merely purebred, a good individual or the son of one large record dam, will never make for permanent or top notch success in the breeding of cattle.



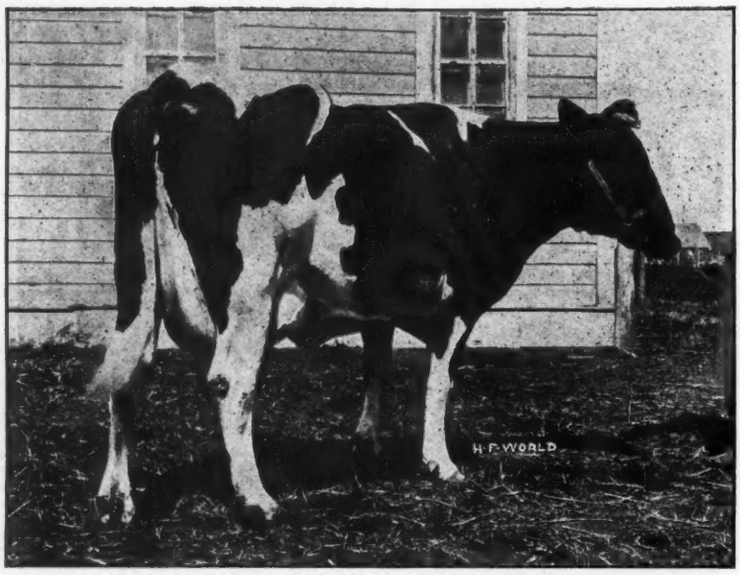
RIVERVIEW FYTJE DE KOL ORMSBY—Butter 7 days, 29.98; milk, 648.10; butter 30 days, 113.10; milk, 2722.50; butter 1 year, 1070.75; milk, 26134.20. (6th prize 1914-15.) 3 A. R. O. daughters, including a 26-lb. cow, a 25-lb. 4-yr-old and a 23-lb. 2-yr-old. A daughter of the 30-lb. sire, Duchess Korndyke DeKol. Owned and developed by E. C. Schroeder.

As you are all doubtless successful and expert calf raisers, and as a very great deal (most of it very much alike) has been said and written on that subject, suppose we see if we can bring out any new ideas or emphasize any old ones in connection with the most approved method of fitting a heifer to drop her first calf and take a place in the prize division of her particular class. If constitution, vitality and ability have been bred into a calf, then we have an excellent foundation to commence upon and but two things to do in order to turn out a successful cow—preserve her health and bodily perfection and develop to the utmost extent her capacity for the consumption of fodder and feed. Much has already been said, but too much stress cannot be laid upon the advisability of training a young heifer to make use of very large quantities of leguminous roughage supplemented by a judicious amount of good clean ensilage. In this way her capacity for utilizing later on large amounts of food material is increased to the utmost, and she presents to the eye a pleasing combination of girth and paunch development. Then when she reaches maturity she is not apt to be finiky in her requirements, but will be more likely to have the ability and the appetite to clean up readily anything and everything placed before her, including any form of roughage; and on top of that make good use of her allowance of grain. That is the sort of cow we all like—an indiscriminate day in and day out feeder; and the way to develop this kind is to train them when young to subsist largely upon leguminous roughage with a little grain for dessert. They may be big and bony and not so pleasing to the inexperienced eye, but I assure you they make the best cows in the end.



GLEN CANARY DE KOL—At 3 yr., 11 mo., 2 da., butter 7 days, 34.59; milk, 514.50; butter 30 days, 139.85; milk, 2403.80. (World's records when made.) One 20-lb. 2-yr-old daughter. A prize winner at the National Dairy Show 1914, and a member of E. C. Schroeder's herd which has been under quarantine ever since.

It is our practice at Auray Farms to commence feeding a small amount of ensilage at about eight or nine months of age, (prior to that time calves receive only alfalfa or clover hay for roughage) gradually increasing the quantity but never feeding much more than seven or eight pounds before calving, and giving all the hay the heifer will clean up. We supplement this with a small amount of the following grain mixture: 200 lbs. bran, 200 lbs. crushed oats, 100 lbs. coarse corn and 100 lbs. oil meal. We try to breed our young things at from fifteen to twenty months of age and prefer to have them calve at two years or even a little less, (provided they have the size) allowing them to rest and grow for six months between calves, rather than have them calve for the first time at nearly three years of age after attaining a large growth. We try to avoid the danger of developing a beefy tendency, and believe that the sooner a heifer commences milking the better. As the time of calving approaches every care is given the young heifers. About two weeks before parturition they are placed in individual box stalls, the grain mixture and ensilage withheld and beets

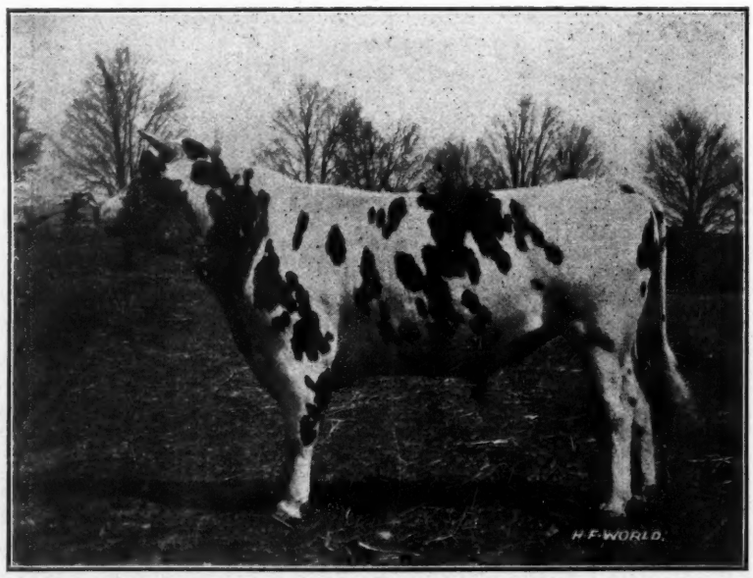


AAGGIE WAYNE PEEP—Butter 4½ yr., 31.31; butter 30 days, 129.38; butter 1 year, 974.30; milk, 21821.20. (3d Prize 1914-15.) Butter 1 yr. (at 3 yr., 869.51; milk, 18500.80. (4th Prize 1913-1914.). One 25-lb. 2-yr-old daughter. Owned and developed by E. C. Schroeder.

or beet pulp and bran substituted, in addition to what hay they care to eat. After calving we offer only warmed water and bran and oats mashes for several days, gradually changing over to a grain and ensilage combination as condition improves. We aim to test all of our first calf heifers, but without any particular fitting and without forcing—what we are after is a normal and true indication of their natural ability and future value. We take no unnecessary chances of udder trouble, so much to be dreaded in young heifers, and all immature records are made on light, bulky feeds, such as bran, crushed oats, distillers grains, etc—cottonseed meal and gluten feed being omitted entirely. Certain standards of production should be set and striven for, as for instance for 7 day production: 2-year-olds 375 lbs., cows with second calf 450 lbs, and mature cows 525 lbs. and up. We count a cow a good producer and a valuable animal that when fresh gives a can of milk, testing between 3.5 per cent and 4.5 per cent, every day, and milks most of the year round —not one capable of giving about half that amount, after standing dry for six months, but which tests up to some abnormal percentage of butter fat. Keep in mind the ideal Holstein cow—a 600 lb. milker and 4 per cent tester, that works on a yearly and not a biannual schedule for calving.

Our heifers with first calf are milked three times daily for about six weeks and then dropped to twice daily and are milked as nearly as possible right up until the time of calving again in order to fix a tendency for persistence. Also they are bred the second time just as soon as they are ready—it has been our experience that it is a wise move to breed a young cow when she is ready and not try to hold her over until you or someone else is ready, to suit somebody's convenience. They are very apt to forget, or at least fail to remember, that their most important function is reproduction—in such a case of what use is the large 2-year-record? No, strike while the iron is hot, and endeavor to develop a cow that will drop a calf every year and yet manage to make good records at the same time. To my mind the ideal record is the official 30-day record which includes the best 7 days performance—they amply demonstrate real merit and ability to hold out, and they are absolutely official and above criticism. I also favor the eight months after calving records, but believe that the rules should be amended to make it compulsory that a cow drop another calf within 15 months in order to qualify.

Now I should not have referred to this matter of A. R. O. work had I not gathered from the notice of your meeting that you are deeply interested. Every live breeder of Holsteins should by all means endeavor to put at least one full age record on each member of his herd, not only for his own individual benefit but for the advancement of the breed in general, for the comparatively high prices for Holsteins prevailing today are due to A. R. O. work. And if, by coming before you and advocating a start in this work, I am successful in inducing even one Chester county breeder who has up to now done no testing, to commence A. R. O. work, I shall know that my time and yours has not been wasted. Official records establish beyond controversy the status of the herd—private records are of course far better than none at all but they merely satisfy the owner himself and add little or nothing to the market value of the herd. On the other hand A. R. O. records lift the entire herd far above the ordinary and stamp individual members with the hall mark of quality, meantime materially increasing the value of the young stock bred, especially the bulls for which a market must be found. Many hold back from a start in A. R. O. work through ignorance of the rules and requirements others because of a false or misconceived notion of economy; and still



Golden Segis Netherland Korndyke No. 115570. A son of King Segis Champion and Golden Queen De Kol, a 30-lb. daughter of Lord Netherland De Kol. His sire was from a 36-lb. dam, and by the 37-lb. sire, King Segis De Kol Korndyke, the sire of the 40-lb. 4-yr-old. Bred by E. C. Brill, Stewartsville, N. J. Owned by Eli H. Bodine, Chemung, N. Y.

others because lack of help or through downright laziness. I grant you that there is added expense, but it is nothing when compared to the benefits derived. I grant also that there is considerable hardship, if you are to do the work yourselves., or apt to be considerable trouble with the help, if you are to hire it done. It is no sinecure to feed, milk and care for a bunch of test cows every six hours, besides attending to the regular work during the day, and occasionally getting a little sleep. It means sacrifice; but for the conscientious breeder whose heart and soul are in his business and who loves his cows, there are many compensations in A. R. O. work of which the sceptic knows nothing. For him the joy of achievement—forgotten are the hardships, annoyances and inconveniences when he sees his favorite cow on official test, under his faithful care and guidance, gradually increasing her production from day to day and finally perhaps vindicating herself and him, by setting a mark for milk and butter production for others to strive for and for all to envy. And the beauty of the game is that all may play on the same basis—the poor as well as the rich and the small owner as well as the large. What man has done man may do, and intelligent application of the best principles of breeding, together with unlimited care, patience and perseverance in mating, selecting, developing and feeding have worked marvelous transformations in the appearance and market values of some comparatively small herds, as I happen to know. If you haven't it already, beg or borrow the money; but do not let another season slip by without making at least a start in A. R. O .work.

Possibly a short synopsis of how test cows are handled at Auray Farms may, in conclusion, prove of interest. As I stated before, we aim to have our cows drop a calf every year, but also aim to give them at least six weeks rest between calves, and prior to that a period of equal length without grain, in order to clear the system of all stimulating food material and better fit them to relish and make good use of their test ration, when fresh. Sometimes it is almost impossible to get a persistent milker completely dry as everything fed, no matter what, seems to go to milk and in this case we have to do the best we can. A cow should by all means calve in good condition—not hog fat but in good flesh and with plenty of reserve to draw upon. To this end we commence feeding 3 times daily as soon as dry a small amount of the following ration: equal parts of bran, hominy, crushed oats and oil meal. The quantity is gradually increased until she is

First Prize "Get of Sire," National Dairy Show 1913. Daughters of Sir Pietertje Ormsby Mercedes. Buffalo Maid 2d, the heifer at the left was awarded Junior Championship. Bred and owned by E. C. Schroeder, Moorhead, Minn.

receiving about all she can promptly lick up clean—this supplemented by a small amount of ensilage and hay "ad libitum." About two weeks before calving ensilage is discontinued and beets or beet pulp substituted. We find that as calving time approaches a cow will naturally slack off on her consumption of grain, and we then gradually decrease the allowance of the before-mentioned mixture and substitute bran, and just prior to parturition give several doses of epsom salts—and again as soon as the calf has been dropped. The calf is allowed to be licked clean and to suck once and is then removed to the calf barn and placed in a pen by itself. Meantime the dam has been disinfected, lightly blanketed and given a liberal allowance of warmed water. Never permit a cow access to chilled water at calving time.

To avoid danger of milk fever we never milk out clean until at least twenty-four hours have elapsed; but in exceptional cases of absolute distress it is necessary to remove a small quantity from each quarter to afford relief. For the first forty-eight hours we feed nothing but bran and oats with salt, a few beets, and hay; but after that if the cow is doing nicely we start feeding ensilage, with a small amount of whatever test mixture has been decided upon, gradually increasing the allowance by one pound every other day, and always feeding every six hours and before milking. Every individual cow is a law unto herself and some can start in and pick up on a quantity that would stagger another of smaller capacity; and the feeder himself must be the judge and make the decision. However, a very safe rule is to start in with say 2 lbs. of feed, given four times daily. No one man can formulate an ideal test ration to fit all cows because of the individual likes and dislikes of different members of the herd. As you all know some will greedily lick up anything and everything, while others are annoyingly particular and must be humored and coaxed. And so a conscientious feeder makes friends with and studies his cows and does his level best to satisfy them. In a general sense it may be said that the test ration should be narrow, i. e., rich in protein, figuring out say 1:3.5 or 1:4 for 7-day tests, but for longer time tests it should be widened out gradually by the addition of hominy or corn meal, in order to maintain body weight. Perhaps the most satisfactory ration we have ever used at Auray Farms and one which practically forms the basis of all our test mixtures is the following: 250 lbs. Ajax Flakes, 200 lbs. wheat bran, 100 lbs. hominy, 100 lbs. crushed oats, 100 lbs. oil meal, 100 lbs. cottonseed meal and 50 lbs. charcoal. And I might also add that we give all of our animals, including the horses, at regular intervals a little of the following: home made condition mixture: 100 lbs. oil meal, 5 lbs. charcoal, 5 lbs. epsom salts, 5 lbs. common salt, 5 lbs. saltpeter, 4 lbs. gentian and 4 lbs. fenugreek.

Contrary to popular opinion often encountered, there is no great mystery or trick in the successful handling of cows to fit them to make creditable A. R. O. records. Any dairy farmer can do it if he but has the patience and perseverance to painstakingly study the various needs of his individual animals. The requirements of the Holstein-Friesian Association for admission to Advanced Registry are extremely low; and given good blood, which he gets from his bull, good size, capacity and constitution, all of which are largely up to him; and a selection of proper feeds, which are always on the market, any progressive dairy farmer can make creditable records if only he has the ambition. Many of you gentlemen have excellent blood at the head of your herds. I notice sons of Pontiac Korndyke and King Fayne Segis and other famous sires. Who knows but before long the owner of another Mable Segis Korndyke or a Segis Fayne Johanna may not prove to be a member of the Chester County Breeders Association? I sincerely hope so and I thank you all most cordially for your very kind attention, meantime wishing your association and each individual member every possible success; and I also hope at some future time to have the pleasure of meeting with you again.

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Editors

Western Editon

C. G. BROWN I. S. BROWN

Editors

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Address all correspondence for theEastern Edition to Lacona, N. Y.

Keeping Young

Your date of birth is no guide by which to judge your age. Some people are always old, and others are always young. The other day a ninety-two-year-old citizen of Syracuse admonished his eighty-year-old neighbor (whom he always seems to regard as a boy to whom frequent counsel is necessary), with an injunction to keep young. "Why, bless me," answered the octogenarian, "I've been keeping young for the past eighty years, and it's too late to begin growing old now." In a recent issue of the Independent, William Hayes Ward writes an editorial, on his eightieth anniversary, every line of which reflects the spirit of youth, presenting, as it does, a forward look toward the bright future ahead. He speaks of the present war as the last great armed conflict, and with fine optimism predicts that within the space of ten years an international court will be established to settle all differences between nations. In appreciation and hopefulness, Dr. Ward is decidedly youthful, notwithstanding the fact that he can recall personal memories of John Quincy Adams and Daniel Webster. It takes more than the passing of the years to age men of the class in which Dr. Ward belongs.

The other day, looking into the faces of a group of children, I was impressed by the fact that the features of many of them suggested the impress of age. Before me were boys and girls that in spirit and personality, presented all stages of experience. There were the middle-aged folks, and the little old men and women, and in less number the real lads and lassies, whose eyes shown with juvenile vivacity, and whose hearts were fresh with the dew of youth. And so among our acquaintances of all supposed ages, are the youthful and the old. My hunting companion of sixty-four, is still a young man. He follows the trail with a resolute tread, carrying, when occasion demands, a ninety-pound pack; and if a crossing-log presents a doubtful appearance to the younger members of the party, he is ready to try it out with a sure step which always takes him and his burden in safety to the other side. The time may come when physical strength will fail him, but I cannot imagine him growing old. He belongs in the youthful class. On the other hand, some of my friends—and yours—always have been and always will be old. Fortunate are they who are always young. Sometimes they may fancy that they are growing old, and may express regret at the flight of youth, but such regret is the best evidence of a youthful spirit. Old age, withered and dry, is forgetful of the beauty of youth, and has no appreciation of the romance of early dreams, Stoddard could not have been aging in spirit when he wrote—

"There are gains for all our losses
There are balms for all our pain;
But when youth, the dream, departs,
It takes something from our hearts,
And it never comes again."

And the Quaker Poet, in his eighty-third year, was still youthful when commenting on "The Last Eve of Summer"—

"Summer's last sun nigh unto setting shines
Through yon columnar pines
And on the deepening shadows of the lawn
Its golden lines are drawn.

Dreaming of long gone summer days like this
Feeling the wind's soft kiss,
Grateful and glad that failing ear and sight
Have still their old delight,

I sit alone and watch the warm, sweet day
Lapse tenderly away;
And wistful with a feeling of forecast,
I ask, 'Is this the last?' "

Fake Prices in Public Sales

The public sale is coming to be one of the greatest institutions connected with our favorite breed. It is convenient, for both buyer and seller. It affords a sure market whenever an owner wishes to convert his cattle into cash. Like any other institution, however, to endure, it must safeguard its reputation for integrity. Once let it lose the confidence of the public, and it is doomed. Fictitious prices of many hundreds or thousands of dollars per animal may add largely to sale averages, and give additional publicity to individuals but are nevertheless a dangerous means of advertising, and, if allowed in sales of Holstein-Friesian cattle, cannot fail to prove a serious menace to the advancement of the breed. It is just as important that the reputation of our sales be safeguarded as it is that our records be kept above reproach. The stability of Holstein values rests upon the integrity of Holstein owners. When the opinion becomes prevalent that sale reports are not to be trusted, the reputation of the breed must decline and in the harm that will result, the innocent must suffer with the guilty.

One prominent breeder who has been one of the most liberal patrons of the public sale during the past few years, recently stated to a member of the World staff that he realized by-bidding by consignors had cost him a lot of money, and that if the men back of the sales were not careful they would lose at least one of their good customers. Mr. A. A. Cortleyou, former president of the Holstein-Friesian Association of America, gives it as his experience in the public sale ring, that the animals sold will approximate about what they are worth, even though some individuals may fall below their real value. If every animal brought more than it was worth, it would be difficult to get the buyers together. Our observation of the situation bears out exactly Mr. Cortelyou's experience. Thus the seller, in trying to protect his offerings, is failing to look ahead. In holding the penny too close to his eye, he overlooks the dollar to be gained in the future.

The man who buys an animal before the sale, and then runs it through at a high price for the advertising value to be derived, is likewise adopting a short-sighted policy. It is a recognized principle of successful advertising that "honesty" shall be the watchword. The man who advertises something which he has not, is getting away from this principle. The seeming advantage to be derived from claims unsupported by facts, though immediately profitable, perhaps, to the few, is a source of harm to the many. The ordinary layman, of course, is unable to judge with accuracy as to whether or not a price is bona fide. Hence, it is very natural for him to question the truth of any high price, regardless of the merits of the case. It is needless to say that all these

things tend to destroy confidence in the public sale. Without respect to the ethics of the question, it is good business sense to hold to Franklin's adage that "Honesty is the best policy."

A Disappointment We are greatly disappointed at being unable to properly illustrate the article on The Somerset Champions, published elsewhere in this issue. The writer made a special trip to New Jersey to get first hand information concerning these sensational performances, and to get some new pictures. One particularly choice photograph was of the two champions, Finderne Pride Johanna Rue and Finderne Holingen Fayne, together in the pasture. We also secured splendid pictures of these cows individually, as well as many of the other high-record members of the herd. Our expectations were high, and we were looking forward to presenting the World readers with a number of the most interesting Holstein pictures ever published. Imagine, then, our disappointment at learning, shortly before this issue was put on the press, that every one of the negatives was spoiled, as the result of an accident. In accordance with the World policy of publishing the news while it is still fresh, we are letting the article go ahead in this issue, without attempting to duplicate the photographs. We may be able to get these at some later date.

THE LEADERS OF ALL BREEDS

Mature—Holstein	Lbs. b.f.
Finderne Pride Johanna Rue	1176.47
4½ yr. Jersey—	
Olympia's Fern	937.83
4 yr. Holstein—	
Daisy Grace De Kol	962.80
3½ yr. Guernsey—	
Dolly Dimple	906.89
3 yr. Holstein—	
Finderne Holingen Fayne	1116.05
2½ yr. Holstein—	
K. P. Manor Kate	818.73
2 yr. Holstein—	
Finderne Mutual Fayne	960.52

By the above table it will be noted that for the yearly production of butter the Holstein cow now holds first place in five of the seven classes, the Jerseys and Guernseys dividing the other two equally, with one each.

In the two classes in question the high mark for the Holstein cow is in one instance 6.38 lb. behind, and in the other 3.51 lb. behind. In each of the five classes in which the Black and Whites lead, they have margins over the leaders of the other breeds averaging over 116 lb. of fat. It is hard to get away from these figures, especially when it is considered that the Holstein records are made from such an unspeakably larger amount of milk for which owners of all breeds find very good uses, whether or not they admit that skim milk is of any value whatever.

EDWARD H. KNAPP

It is with sincere regret that we announce the departure of Mr. Knapp, a Holstein breeder of wide reputation and a man whom, long ago, we learned to esteem for his many admirable qualities. He was born in Spafford, Onondaga county, and received his education in Cazenovia Seminary and the Cortland Normal School, later teaching successfully for ten years. In partnership with his brother, A. A. Knapp, of Preble, N. Y., he became an extensive breeder and exhibitor of fancy poultry, and built up a business world-wide in its scope. Eventually (in 1886) the firm purchased their first pure-bred Holsteins. Four years later the brothers dissolved partnership and E. H. took possession of the present home of the Greenwood Herd. Eight years ago he took into partnership with him his son, Walter C., who had just returned from pursuing a course in the College of Agriculture at Cornell, and who now is left to continue alone the management of the farm and herd which became distinguished under the united efforts of E. H. Knapp & Son. The son is well equipped to go on with the enterprise, and the Greenwood establishment, we may confidently hope, will typify in future, as in the past, the honorable methods of its founder.

The esteem in which Mr. Knapp was held by his immediate acquaintances is evidenced by the fact that he was President of the Fabius Creamery Company (owning and operating one of the largest creameries in the state) and for twenty years he had been President of the Board of Education of Fabius High school. From a local paper we clip the following brief sketch:

"Fabius, June 15.—The community was greatly shocked to learn of the death of Edward H. Knapp, which came yesterday morning. Although not feeling well for a time, Mr. Knapp was able to be around and attend to his business affairs until Sunday, when he was taken worse. Mr. Knapp, who was 68, had been a life long resident of this town. When a young man, he with his brother, Adelbert, lived on a farm in the eastern part of the town and began raising poultry. After a time Mr. Knapp purchased the farm north of this village on which he has since resided. Here he also conducted the poultry business for several years. Then he went partially out of the poultry business and began breeding thoroughbred Holstein-Friesian stock. A few years ago he took in his son as a partner and the name has since been known as E. H. Knapp & Son. Mr. Knapp has been one of those men who have built up a reputation as being a business-like, energetic man and will be greatly missed in this town as well as others. He was a stockholder in the Fabius Creamery Co., also president of the school board and a member of the Baptist church of this village, in which he was an active member. Mr. Knapp is survived by his wife, one son, Walter, of this place, one daughter, Jessie, of Henderson, N. C., four brothers, Adelbert of Preble, Burdette of East Homer, Fred of Syracuse and Willard of Marcellus, two sisters, Mrs. G. D. Green and Mrs. J. J. Gibbons both of Oregon, all of whom have the sympathy of this community. The funeral will be held Wednesday at 2 o'clock at the church. Burial in Evergreen cemetery."

THE SOMERSET CHAMPIONS

By M. S. Prescott

These are days in which the public is forced to revise its estimates of the limit of the capacity of the dairy cow. Every time a new high mark has been established, with any considerable margin to spare, there have been many who were free with their predictions that this limit was at last reached. The time is past when a champion can hold her laurels eight or ten years. The competition is too keen. The Holstein cow has to maintain her reputation for accomplishing the impossible.

Seven years ago this spring I made a visit to the home of one of our most distinguished breeders, who later became president of the Holstein-Friesian Association of America. At that time Colantha 4th's Johanna had just finished her epoch-making record of 1247.82 lb. butter, 27432.5 lb. milk. He said to me, "Doubtless in time some one will beat her 7-day record, but no cow will ever follow her through the entire year." This opinion seemed reasonable enough at the time, but now we have no less than five cows that have surpassed that year's record, one by over 220 lb. butter, and a junior 2-yr-old has come within 50 lb. of her record.

The past twelve months have witnessed the raising of the bar in the mature class nearly 150 lb.; in the junior 3-year-class, about 445 lb., and the junior 2-year about 280 lb. It was recently my privilege to pay a visit to these three cows at their home at Finderne Stock Farm, now operated by the Somerset Holstein Breeders Company, Somerville, N. J. Finderne Pride Johanna Rue and Finderne Mutual Fayne had just completed their records while Finderne Holingen Fayne had finished some three months before, and was then nearly, if not quite, dry, being due to freshen again August 12th.

Johanna is a large cow, weighing, I should judge, about sixteen or seventeen hundred pounds. She was in the best physical condition and apparently was feeling no ill effects from her strenuous year. Here is a cow that would appeal to anyone, with her wonderful barrel showing enormous digestive capacity, and extraordinary heart girth, indicating a strong circu-

lation— essential to heavy, prolonged production. The mammary veins and udder likewise add their part to the general appearance of a world's champion. She looks just as good as her record. It is interesting to study the figures of her production by months, as this is one of the most remarkable features of the test.

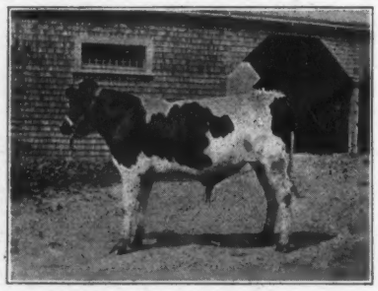
Following are the figures in tabular form.

days	Months	Milk	Fat	p.c. Fat
23	June 1914 ..	2012.2	83.909	4.17
31	July	2768.7	115.455	4.17
31	August	2576.8	106.680	4.14
30	Sept.	2367.7	98.023	4.14
31	Oct.	2435.5	94.985	3.90
30	Nov.	2214.3	82.372	3.72
31	Dec.	2539.0	96.228	3.79
31	Jan.	2076.9	78.715	3.79
28	Feb.	1830.0	70.821	3.87
31	March	2226.3	103.523	4.65
30	April	2271.6	96.770	4.26
31	May	2516.3	121.537	4.83
7	June	568.4	27.454	4.83
		28403.7	1176.472	4.14

These figures are so stupendous that we very much doubt if the majority of the public has even yet been able to realize just what they mean. Reducing them to smaller units, they mean that she averaged 28.21 lb. butter every seven days of the year, and 120.90 lb. every thirty days. Also 77.8 lb. milk per day, 544.6 per week, and 2334 lb. every 30 days. Eight different supervisors from the New Jersey Agricultural College were employed in conducting the test, and her final month, in which she made the largest 30-day record of her year, was strictly official.

It will be noted from the table that there were several low months, comparatively speaking, two of them falling below 100 lb. of butter. The fact that she was able to recover from these slumps is a strong argument in her favor. Nobody likes to see a quitter. A yellow streak doesn't usually show when it is ahead. Contrary to what might be expected Johanna did not eat an excessively heavy allowance of grain, the amount varying from 16 to 20 lb. per day of a mixture of bran, oil meal, gluten, cotton seed, with some Blue Ribbon Dairy feed, Schumacher feed, and a little powdered charcoal. This means that she is a very efficient and economical producer. In common with the other Finderne champions, Johanna was milked four times a day during the entire test. Those of the World readers who have conducted a test for even seven days, may perhaps realize something of what Joseph Bossler, the man behind the cows, has gone through with. Then add the mental strain of breaking three World's Records at the same time. At the time of my visit, no testing was in progress, and Joe was being given a much needed rest from his grind.

Finderne Mutual Fayne, the junior 2-yr-old sister to Finderne Holingen Fayne, is another champion that deserves her title. It will be recalled that Supt. Gardner's preliminary announcement credited her with 803.379 lb. fat, 18,811.3 lb. milk in 303 days. While the official returns from the Superintendent's Office have not been received, at this writing, the farm records credited her with 22,150.7 lb. milk, 960.52 lb. fat, which would equal 1200.65 lb. of 80 per cent butter, displacing the former incumbent, Lady Paul Livardy 3d, with a margin of over 279 lb. butter. In her last 62 days, it will be noted that she produced 157.141 lb. of fat—an average of 2.534 lb. per day, which, in terms of 80 per cent butter, would mean an average of 22.17 lb. butter per week during the two final months of her test. Her average for the entire year was slightly over 23 lb. butter per week, and about 60.7 lb. milk per day. Compare this average for 52 consecutive weeks with what your own best 2-yr-old has done for a single week when fresh. You will then better realize what Finderne Mutual Fayne has accomplished. She finished her record June 1st, having been bred April 19th. She has the size and development of a mature cow, and shows wonderful dairy quality.



Dutchland Colantha Inka Prince

Son of Colantha Johanna Lad, Who Has More Daughters Than Any Living Sire to Give Over 600 lb. of Milk in Seven Days

10 daughters that average to make over 30 lb. butter and 600 lb. of milk in 7 days. A showing unequalled by any living sire.

10 daughters that have averaged to make records of over 644 lb. of milk in 7 days within the year.

Born Sept. 9, 1915. Well grown and ready for immediate use. Colantha Johanna Lad, his sire has 19 daughters that have made records within the year for 25 lb. to 34.76 lb., a showing unapproached by any sire in any one year. In fact, only two other sires have an equal showing during all their years of service.

Colantha daughters do not stop with 7 and 30-day records but are strong throughout the entire year. His first three to enter yearly work made average records of over 22,000 lb. of milk and 800 lb. of butter at an average age of 2 years 10 months 22 days. Three other Colantha daughters (second calf heifers) are doing equally as well as they already have average records of over 13,202 lb. of milk and 600 lb. of butter in 224 days. As they are all going especially good at the present time it looks like he would soon have three other daughters to have heifer records above 20,000 lb. of milk each. One of his junior 2-yr-old daughters also looks like 20,000 lb. when her record is completed. Several of the young sons of Colantha Johanna Lad already have 30-lb. daughters. In fact, the second largest record heifer in the world is sired by a bull of our breeding. The dam of the bull that we are offering, Dutchland Colantha Inka Prince, is Lady Princess Beets, one of the greatest producing cows in our herd, having a record of nearly 31 lb. as a 4-yr-old and who carries in her normal condition considerably better than 4 per cent butter fat, and the fact that both her son and daughter have proven themselves to be among the largest producers of the breed, the former having 2 daughters above 30 lb., also 28 lb. and 29 lb. daughter; 11 that have average records in the yearly work of over 15,800 lb. of milk and 672 lb. of butter, a showing unequalled by any sire having but 2 daughters that are 5 years old. The full sister, Dutchland Colantha Inka now in semi-official work already has made over 14,000 lb. of milk and eventually will complete a record of 21,000 lb. of milk in the year as a three-year-old. The photograph shows what he is as an individual. As this nick has already proven itself through both the sister and brother, we have every reason to believe that this bull will prove one of the most desirable sons of Colantha Johanna Lad. The dam, Lady Princess Beets, is not only a producer herself but comes from one of the best families of the breed, being sired by Inka Princess Canada Prince. We are offering this bull for immediate acceptance for $1500, the only son that we have left from a 30-lb. dam. In fact, we have only one other son of the Colantha bull at the present time. A Colantha daughter sold at Cazenovia at public auction for $1900. The Colantha animals wherever placed on the market are bringing very satisfactory prices. As these prices are rapidly increasing, now is the time to buy. Write or wire us to reserve this bull for you. We also have some excellent values in the sons of Dutchland Creamelle Korndyke Lad from Colantha daughters.

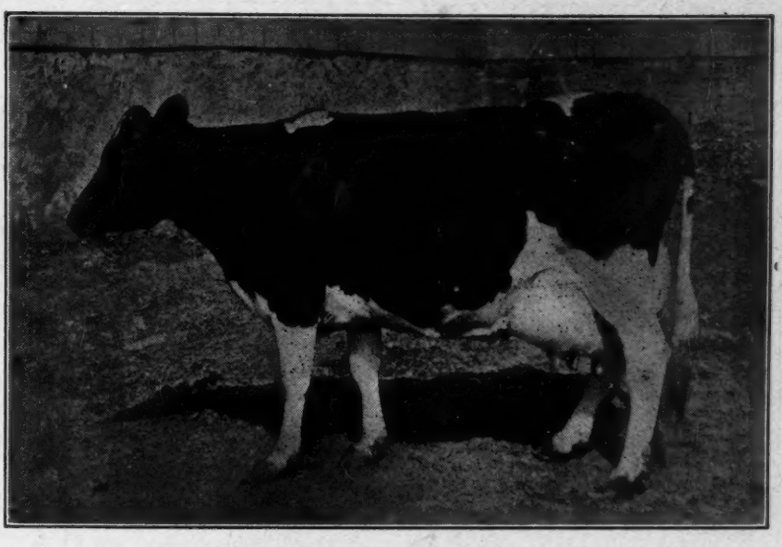
Remember we are breeders and not dealers, in a position to know the value of every animal offered.

FRED F. FIELD HOLSTEIN CO., DUTCHLAND FARMS, Montello Sta., BROCKTON, MASS.

Finderne Holingen Fayne was in splendid condition, and is surely going to freshen by her service November 12th. She looks as though she could come right back and more than equal her previous achievements of 37.33 lb. in 7 days; 1395.06 lb. in a year as a junior 3-yr-old. Finderne Holingen Fayne and Finderne Mutual Fayne are both daughters of King Hengerveld Aaggie Fayne, who was by King Fayne Segis (son of King Segis and Grace Fayne 2d's Homestead—35.55 lb.), and from a former World's Champion 23-lb. 2-yr-old daughter of Hengerveld De Kol; next dam a 25-lb. daughter of Johanna Rue 3d's Lad—the sire of Finderne Pride Johanna Rue. These two make quite a fair pair of daughters for one sire, but do not represent the sum total of the achievement of King Hengerveld Aaggie Fayne.

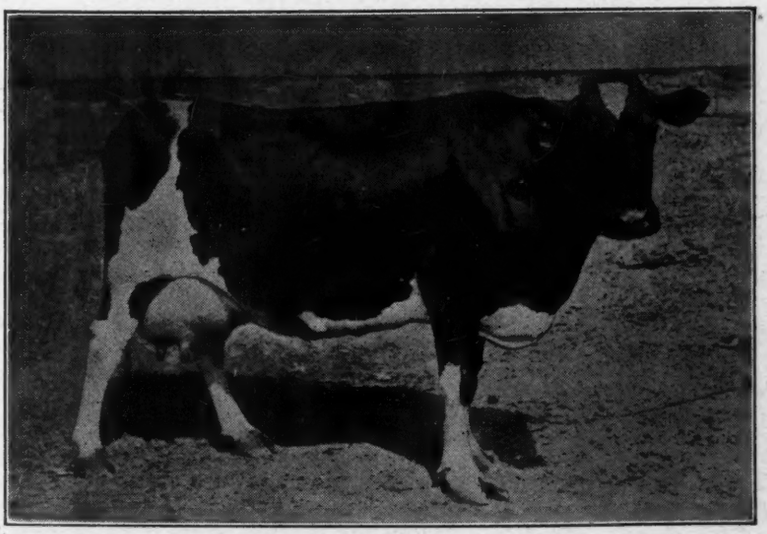
Finderne Wachusett Fayne, a senior 3-yr-old daughter, out of the 33.96-lb. 4-yr-old, Wachusett May, had just completed records of 35.53 lb. butter, 642.7 lb. milk in 7 days; 140.69 lb. butter, 2529 lb. milk in 30 days, falling short of the World's record in her class by about a pound for seven days, and by only half a pound for thirty days. She is a heifer of great substance, and will undoubtedly be heard from in later tests.

Another sister is Finderne Johanna Fayne, one of the most promising 3-year-olds I have ever seen. She is out of Finderne Pride Johanna Rue, and hence has the right to be a good one. She had recently completed a 7-day record of 31.94 lb. at 3 yr. 1 mo. Another exceptionally choice daughter of this sire is Finderne Lady Fayne, who last year as a junior 3-yr-old made a 7-day record of 32.78 lb. She was continued in semi-official yearly test, producing 1075.13 lb. butter, 18,523.5 lb. milk, this being the fourth largest record in her class. Mr. Meyer expressed himself as quite disappointed with her showing. All of us, however, would not feel that way about it.



JOHANNA PRINCESS DE GROOTE 88682—Butter 7 days, 28.31; milk, 587.30; butter 30 days, 116.35; milk, 2451.10; butter 4 mo., 428.00; milk, 8779.50. Owned and developed by E. W. Anders, Morristown, Pa.

Here are four three-year-old daughters for King Hengerveld Aaggie Fayne with 7-day records averaging 34.39 lb.—a showing approached by no other sire. Another 3-yr-old made 28.56 lb. in 7 days, 116.91 lb. in 30 days; while we must not overlook the 25-lb. junior 2-yr-old record of Finderne Mutual Fayne. The year's records of his three daughters that have been tested for this period, a junior 2-yr-old and two junior 3-yr-olds, average 1223.61 lb. The 2-yr-old and one 3-yr-old average higher than any two daughters of any other sire, regardless of their age or breed. These facts make it seem particularly unfortunate that King Hengerveld Aaggie Fayne was sent to the butcher before his quality was discovered.



COUNTESS DIJKSTRA DE KOL 88335—Butter 7 days, 26.88; milk, 635.00; butter 30 days, 110.66; milk, 2663.30; butter 5 mo., 517.11; milk,, 11819.70. Owned and developed by E. W. Anders, Morristown, Pa.

In the main barn at Finderne is a row of box stalls, which is occupied as follows—first, Finderne Holingen Fayne, the World's Champion 3-yr-old for 7 and 30 days, 8 mo. after calving, and a year; second, Finderne Pride Johanna Rue, World's Champion yearly producer over all ages and breeds; third, Finderne Mutual Fayne, the World's Champion 2-yr-old; fourth, Finderne Wachusett Fayne, second highest record senior 3-yr-old for seven and thirty days; fifth, Finderne Johanna Fayne, the 31.94-lb. 3-yr-old daughter of Finderne Pride Johanna Rue; sixth, Valdessa Ormsby De Kol, the 32.98-lb. 4-yr-old daughter of Valdessa Scott 2d, and seventh, Valdessa Scott 2d herself, the first 41-lb. cow, and the only cow to make two 7-day records averaging over 39 lb. She is not looking quite as well as she did when I saw her a year ago, as her flesh was purposely reduced owing to some difficulty in getting her with calf. She is now O. K., and several months along.

At the Bloomingdale branch of the Somerset Holstein Breeders Co., I found everything in fine shape. Hillview Ella Pauline 5th, the first prize 7-day milk producer for 1914-15; is a cow worthy of her honors, being a wonderful milk machine. A daughter of the former herd sire, Prince Hengerveld Fayne, by King Fayne Segis and from Princess Hengerveld De Kol (33.62 lb.), had just completed a junior 2-yr-old record of over 24 lb. Her dam is a 25-lb. daughter of Hengerveld De Kol.

A recent acquisition was Finderne Pride Fayne, a 4-yr-old son of Finderne Pride Johanna Rue and King Hengerveld Aaggie Fayne. He is a bull of great substance and will be used extensively in the Bloomingdale Herd.

Worth the Money

We offer the following described bull calves in full confidence that they represent extraordinary values.

No. 1—Born Nov. 15, '14. ¾ black, sired by Sir Urmagel Burke, a son of De Kol Hengerveld Burke and Urmagelsche 2d A (31.24 lb.) Dam of calf made 24.61 lb. Price $150.

No. 2—Born Dec. 7, 1914. ½ white, same sire as No. 1. Dam is a granddaughter of King Segis with a record of 28 lb. Price $250.

No. 3—Born Dec. 27, 1914. ¾ white. Sire is a 25-lb. grandson of King of the Pontiacs. Dam has 22.80 lb.; her dam, 25 lb. Price $100.

Also 10 cows, 2 with records over 30 lb.

H. M. DUNHAM & SONS, Marcellus, N. Y.

You will find inclosed one dollar for my renewal. I believe that the "World" is not only unsurpassable as a "booster" for the breed, but that it is of inestimable value to the breeder. D. G. Ludington, Patterson, N. Y.

Inclosed please find $1.00 for which send the World for one year to..... Mr. ..... is a young farmer who has just bought his first Holsteins, a bull and a heifer a year old that is bred to a son of Spring Farm King Pontiac 6th. He has a good foundation and only needs the World to go with it. I think no breeder can afford not to take this weekly paper. John E. Potter, Conway, N. H.

Enclosed find $1.00 for renewal to the Holstein-Friesan World for one year. I appreciate your valuable paper very much. R. B. Wightman, South Hammond, N. Y.

Find inclosed $1.00 for a new subscription for the World—the greatest paper for the money that I ever read. I would not be without it. S. A. Luthy, Swanton, O.

You will find inclosed $1.00 for which please renew the paper another year. We can't breed Holsteins without it and keep posted. B. Smith & Son, Granville Summit, Pa.

STOP! LOOK! LISTEN!

Mr. Holstein Breeder, do you wish to buy a 30-lb. bull of unparalleled breeding? If so, study the pedigree of

Korndyke Pontiac Cornucopia 6th No. 146017

SIRE—Pontiac Korndyke Cornucopia No. 54932. He is by Pontiac Korndyke and from a 29-lb. senior four-year-old daughter of Pontiac Korndyke. He is also a full brother to the 38-lb. cow, Pontiac Lady Korndyke that sold for $3600 in the Dollar Sale. DAM—Lilly Grace Cornucopia No. 123441. Butter 7 days, 30.02 lb., milk 718.2 lb. Milk 1 day, 106.1 lb.; butter 30 days 119.44 lb., milk 2853.2 lb. She is by Aaggie Cornucopia Johanna Lad No. 32554 whose 95 A. R. O. daughters have more milk records above 500 and 600 lb. than any other sire of the breed.

Korndyke Pontiac Cornucopia 6th was born April 26, 1914, and is well grown, well marked and is now ready for service.

If you want a combination of both quality and production write for pedigree and price to

RIVERSIDE STOCK FARM

A. W. BROWN & SONS, WEST WINFIELD, N. Y

The young heifers that are coming on are a very likely bunch, and give promise of being fully able to maintain the Somerset standard. The yearlings, which were running in pasture with the yearling son of Finderne Pride Johanna Rue, were in feed which many of us would be glad to cut for hay in place of our meadows.

The results achieved by the Somerset Holstein Breeders Company, then, simply bear out the established principles of Holstein success—breeding—development—and careful, intelligent handling. Of these no one can obtain a monopoly. Success is within the reach of anyone who will go after it, and this is the reason that the Holstein is today acknowledged to be "The National Cow."

CORRECTION IN LIST OF LEADING MONEY WINNERS

Inadvertently we omitted three names from the list of leading money winners for 1914-15 published on page 1173 of the June 19th issue. The names omitted, amounts won, and ranking, are as follows:

City of Cleveland, $251.00, taking eighth place.
Watt & Williams, Novelty, Ohio, $217, taking tenth place, and
Grahamholm Farm, Rochester, Minn., $204.00, taking twelfth place.

With this revision, Oliver Cabana, Jr., would occupy 13th place; Quentin McAdam, 14th; and James Phelan, Forestville, N. Y., takes 15th place with $170.50.

A correction is likewise to be made in the work of daughters of sires, Sir Winana Beets Segis, coming into fifth place with $187 for the total of his daughters. It is interesting to note that Kaan Segis of Grahamholm, one of the daughters of Sir Winana Beets Segis, owned by Grahamholm Farm, in her first lactation period, won the most money available to any cow in any one year with four first prizes for butter, and a first prize for milk. Elmside Nudine Segis Johanna, owned by the City of Cleveland, won $152.50 in her first lactation, and was debarred from another $50 prize. According to the prize list this heifer is awarded two prizes in the eight-months-after calving division. Of course only one of these should be credited to her.

We are advised that another daughter of Prince Hengerveld Pietje has just completed a new Canadian record, making 27.49 lb. as a junior 2-yr-old. This is the second largest record ever made in this class, and raises the Canadian mark over two pounds. She is a daughter of the 21-lb. 2-yr-old, Belle De Kol Korndyke, and is owned by A. C. Hardy, Brockville, Ont.

Rauwerd Count De Kol Lady Pauline is on the way to a wonderful semi-official year's record. In the first eight

Lacona Breeders

Hastings & Prescott—½-page ad.
Henry Stevens & Son—Back cover.

Spring Farm King Pontiac 13th

Heads our herd. He was by the best son of King of the Pontiacs, and from one of the best daughters of the best son of Hengerveld De Kol. He has better than a 31-lb. average for his two nearest dams. We have two daughters of the $15,000 bull, and several cows in calf to him. Also some bred to Spring Farm King Pontiac 6th. 30 head to select from.

Colvin & Deshane, Richland, N. Y.

BARRED ROCKS—Famous prize-winning strains. Typical representatives—heavy layers. A limited number of eggs for setting from choice selected pens at very reasonable prices. H. A. Prescott, Bellevue Herd, Lacona, N. Y. N. B. Only one Pontiac bull calf left—out of a 4-yr-old dam that has averaged over 60 lb. milk per day for past 5 months.

WHEAT HILL HERD

30 Holsteins of Quality. Herd headed by Pleasant Hill Pontiac Veeman Wayne. His 3 nearest dams and 3 100 per cent sisters to his dam average (for the six) 30.24 lb. He was by Sir Korndyke Pontiac Artis and from Queen Veeman Wayne (29.27 lb. at 4½ yr.), whose sire, Sir Veeman Hengerveld, now has seven 30-lb. daughters.

W. J. Snyder, Lacona, N. Y.

Homestead Herd—Offers one young bull ready for service. Sire, Albina Butter Boy whose dam has 29.7 lb. butter as a 4-yr-old. Dam of young bull has good A. R. O. record. Bull very straight, light colored and very active. Also two young bull calves sired by Albina Butter Boy. One has dam having 17.42 lb. A. R. O. record as a 2-yr-old. Gave 60 lb. milk per day. Light colored. The dam of the other has never been tested. Prices given on application. D. J. Hollis, Lacona, N.Y.

TO REDUCE HERD—Would sell 8 to 10 head at reasonable prices. Herd numbers 44 head including 7 daughters of Woodcrest Aaggie Jewel Son, with 4 3-yr-old daughters averaging 27.44 lb. Granddaughters of King of the Pontiacs and De Kol 2d's Butter Boy 3d. Practically all milking females have good A. R. O. records. Nearly all due next fall.

A. T. Blount, Pine Ridge Herd, Lacona, N. Y.

FEMALES FOR SALE

Herd of 50 to select from—all ages—nearly a dozen due in summer and early fall by Sir Pontiac Artis Veeman, who was by Sir Korndyke Pontiac Artis, and from a 31-lb. daughter of Sir Veeman Hengerveld. Also a nice bunch of yearling heifers.

B. E. Mead Est., Lacona, N. Y.

WANTED By prominent breeder, young man with knowledge of the pure bred Holstein Cattle business and pedigrees and having experience and ability to sell such cattle both on the road and at the farm. State salary and experience. Address: **Experience, care Holstein-Friesian World, Lacona, N. Y.**

HINCHEY HOMESTEAD

Offers for sale Holstein bull born Apr. 18, 1914, sired by Hengerveld Butter Boy De Kol and out of a 25.95-lb. granddaughter of Sir Clyde. This bull is about ½ and ½ in color and is well grown. Write for pedigree and price.

W. S. Hinchey Rochester, N. Y.
P. O. Box 729

WANTED

Bull calf with good record backing—not less than 25 lb. Must be good individually, from popular blood lines and big milk producers. Write, giving full particulars. Send photo if you have it. Also want a few heifer calves. Address:

C. S. Waugh, Rapidan, Va.

months she has produced 21,500 lb. milk, and is still milking 80 lb. per day. It will take an average of nearly 72 lb. per day for the balance of the year to surpass the World's Record of Tilly Alcartra. When fresh Rauwerd produced 30.48 lb. butter, 721.6 lb. milk in 7 days; 125.79 lb. butter, 2901 lb. milk in 30 days, on the former winning 59th prize, and on the latter 19th. She is a daughter of Rauwerd Count De Kol, who was by Pietertje Hengerveld's Count De Kol, and is owned by G. A. Brethen, Norwood, Ont.

A report from Avondale Farm credits May Echo Sylvia with producing 115½ lb. milk on her hundredth day from calving.

Our Cover Illustration.

We are very pleased to present to World readers this week the likeness of the new 40-lb. sensation, Mabel Segis Korndyke, World's Champion heifer under full age for both 7 and 30 days.

Following are the figures of her record:

Butter 7 days	40.32
Milk	610.20
Average fat	5.29
Butter 30 days	165.22
Milk	2695.80
Average fat	4.90

No other heifer in her class comes within 4.71 lb. of her 7-day record, and 23.06 lb. of her 30-day record. She s a daughter of King Segis De Kol Korndyke, who was by King Segis and from the former world's champion and first 37-lb. cow, Pontiac Clothilde De Kol 2d. Her dam, with a 16-lb. record, but a cow of great capabilities, was by Lofrd Netherland De Kol, and from a granddaughter of Milla's Pietertje Netherland. She is individually just as good as she looks in her picture, which means just as good as her record. She was bred by E. S. Hatch, Danbury, Conn., and is owned by E. C. Brill, Stewartsville, N. J., being developed under the supervision of Mr. Brill's son, Warne H.

THE WATERTOWN SALE

The Northern New York Sale in Watertown June 23 and 24, was well attended, although only two of its buyers were from outside the state—J. D. Christopher of New Hampshire and P. S. Dorsey of Augusta, Maine, while only two others, W. G. Sterling of Frankfort and A. T. Soergel & Son of Williamsville, were from distant points in New York state. So far as we have been able to determine, every animal offered was sold without reservation or protection on the part of the seller. The highest priced animal in the sale was K. P. Brookside Frindaella, a daughter of King of the Pontiacs consigned by Davis & Jones and bought by Zoller Brothers at $605.

Sherburne Breeders

Henry Lathrop & Sons—½ page ad.

NEWTON FARMS

The home of King Veeman De Kol No. 36819, 53 A .R. O. daughters (Mona Veeman 37 lb.). Bull calves for sale from A. R. O. dams. Send for pedigrees.

R. P. Kutschbach & Son Sherburne, N. Y.

SHERBURNE SUBURBAN STOCK FARM

50 pure-bred Holsteins of quality. 250 grades that cannot be surpassed.

Herd headed by son of King of the Pontiacs. We can supply anything you want in good cattle.

F. H. WILCOX Sherburne, N. Y.

WESTEND STOCK FARM

Offers a Few Bull Calves

Sired by King Pontiac Hilldale (sire, King of the Pontiacs; dam, Hilldale Lorie Korndyke, 29.93 lb. at 4 yrs) and from A. R. O. dams. The calves are fine individuals. A credit to their backing. Choice for $125.

Bert J. Butts, Sherburne, N. Y.

MAPLEVIEW STOCK FARM

Offers four bull calves from two to five months old whose dams and sire's dams average from 24 to 28.81 lb. butter and 80 to 100 lb. milk in one day. Nicely marked; prices low. Write for pedigree and prices.

W. B. Bullock Sherburne, N. Y.

WESTSIDE STOCK FARM

Our herd bulls are:

Korndyke Pontiac Pet—Sire, Pontiac Korndyke. Dam, Pontiac Pet 37.68 lb. She sold for $5,500 in the Dollar Sale.

King Pontiac Hilldale—Sire, King of the Pontiacs. Dam, Hilldale Lorie Korndyke, 4½ y., 29.93 lb. Their breeding speaks for itself. If you are interested in a bull calf sired by either of these bulls, place your order early, for the supply will be limited.

John M. Howard Sherburne, N. Y.

BELLEMORE STOCK FARM

Herd headed by King Pontiac Hilldale, No. 114040, a son of King of the Pontiacs, from a 29.93-lb. dam. Cornucopia Pontiac Korndyke No. 87266, a son of Pontiac Korndyke, from a 33-lb. dam. For Sale—both females and males—all of prominent lines of breeding.

Edsall B. Reynolds, Prop.
Sherburne, N. Y.

5—CHOICE HEIFERS FOR SALE—5

4 to 8 months of age. Dams have records of 16 to 22.5 lb. 2 granddaughters of King of the Pontiacs. 3 by Pledge Spofford Calamity Paul 2d, who was from a 25.9-lb. dam and by a great son of a 32-lb. cow. Well grown—nicely marked—price very reasonable.

Here is a good investment for you.

Briggs & Cummings, Sherburne, N. Y.

HARRINGTON SISTERS OFFER BULL CALF FOR SALE

Born Aug. 8, 1914; grandson of De Kol Queen La Polka 2d. 35.38 lb.; well grown; fine individual; all good points, nicely marked, more than half white. Write for pedigree and price.

M. T. Bryant, Mgr., Sherburne, N. Y.

BULL CALVES

1. Born Dec. 11, 1914 by Queen Milk and Butter Champion and from a 25-lb. dam. 2. Born Dec. 5. 1914 by a 33-lb. son of Pontiac Korndyke and from a 21-lb. 3-yr-old daughter of De Kol Queen La Polka 2d. This calf's three nearest dams average over 634 lb. milk and over 30 lb. butter. 3. Born Jan. 21, 1915 from a son of Pontiac Korndyke and 22-lb. senior 2-yr-old. All nicely marked and well grown.

Clayton Sisson, Sherburne, N. Y.

FOR SALE—HEIFER CALVES

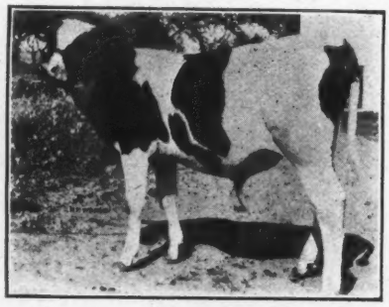
Two granddaughters of Tidy Abbekerk Prince (37770). They are well grown and nicely marked. Their sire has a 26-lb. 4-yr-old dam and a 30-lb. sister. A bargain at $250.

N. F. Hopper, Ithaca, N. Y.

Another Good Son of King Korndyke Sadie Vale

His name is King Korndyke Hengerveld Vale, 155158, and he was born Dec. 30, 1914.

His individuality and markings are shown by the accompanying picture.



His dam, Pauline Veeman Hengerveld, is a daughter of Sir Veeman Hengerveld. She has a junior 4-yr-old record of 24.06 lb. butter, 420.2 lb. milk. The second dam has a senior 4-year record of 24.07 lb. butter, 551.7 lb. milk in 7 days; 99.71 lb. butter, 2250.6 lb. milk in 30 days. The third dam, a 21-lb. 11-yr-old, is also dam of a 34.9-lb. cow.

Here is transmitting and producing ancestry in every line. He is a ¾ brother to all the wonderful daughters of his sire—and is bound to make good. The records of his dam, both grandams and two great grandams average 31.41 lb.

Send for his pedigree and price, but you will have to speak quick.

W. D. ROBENS

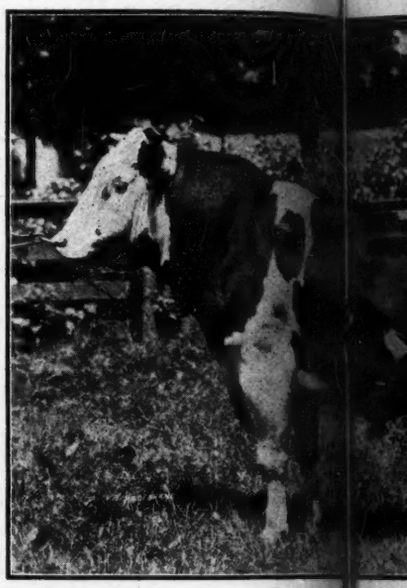
Pleasant Hill Herd

Poland **New York**

The Supreme Tes

Another Junior 2-year-old Daug er of has just completed a 7-day Rec d of

Here is his entire list that ve fresh
K. K. S. V. Cora, 2 yr. 2 mo. ...
K. K. S. V. Kate Pontiac, 2 yr. 1 o. ...
K. K. S. V. Florence Veeman, 2 , 0 mo..
Daisy Veeman Sadie Vale, 2 yr. o. ...
Average for the four at 2 y 2 mo. .



KING KORNDYK IE VA

No other sire that ever lived has two 26-lb. junior 2-yr- ghters Sadie Vale was tested in very hot weather. Under favorab her co the World's Record in her class.

No other sire that ever lived has ever approached this for

No other sire, from the standpoint of breeding, can King cow having a 38-lb. daughter, is herself a daughter of the lb. co

His sire, the only bull of the breed to have a 40-lb. 4-yr- ghter, Kol 2d, the first 37-lb. cow.

His three nearest dams, and a daughter each of his sire am, a

Few other sires are having the opportunity that is en K daughters that are coming on will bear comparison with any ise and inherited transmitting power.

Approved cows will be accepted for service. Write

W. D. Robens
Pleasant Hill Herd
Poland, N. Y.

JOINT

est Is Achievement

ugher of King Korndyke Sadie Vale
ecord of 26.15 lb. Butter in 7 days

t that ve freshened to date—

no.	26.62
2 yr. o.	26.15
man, 2 0 mo.	22.29
2 yr. mo.	22.05
at 2 y 2 mo.	24.28

NDYK IE VALE

2-yr ghters. The second 26-lb. daughter of King Korndyke orabl er conditions we are confident she would have broken

this g for his first four daughters.

can a King Korndyke Sadie Vale. His dam, the only 41-lb. the lb. cow, Sadie Vale Concordia.

4-yr ghter, is a son of King Segis and Pontiac Clothilde De

is sir m, average 37.54 lb.—an unapproached showing.

is b en King Korndyke Sadie Vale. His young sons and with t any other sire—both with respect to individual prom-

ite fo

T ERS

Quentin McAdam
Brothertown Farms
Utica, N. Y.

Brothertown Farms

HOME OF

KING SEGIS DE KOL KORNDYKE, 56110

The only sire of the breed having a 40-lb. 4-yr-old daughter. His 42 A. R. O. daughters include:

Mable Segis Korndyke, 4 y	40.36
30 days	169.44
Abbekerk Korndyke Segis	30.42
Pietertje Segis Korndyke, 4 y	25.82
King Segis DeKol Korn. Duchess, 3 y	24.44

and a splendid lot of young daughters coming on.

Among his sons are King Korndyke Sadie Vale, our junior sire, who is making an unequalled showing for a sire of his age. He is a son of King Segis and Pontiac Clothilde De Kol (37.21 lb. in 7 days—1271.6 lb. in a year) neither of whom need an introduction.

Our Junior Sire, King Korndyke Sadie Vale, is described in the middle of these two pages.

For a third sire we are using Dean Pontiac Korndyke, a son of Pontiac Korndyke and the wonderful 29-lb. cow, Elzevere Barnum De Kol. He is individually the best son of Pontiac Korndyke we have ever seen.

Brothertown Farms are likewise the home of:

Sadie Vale Concordia 4th	41.06
Sadie Vale Concordia 4th's Pietje	38.44
Star-Rena Wayne Pietertje 2d 3½ yr	34.35
Highlawn Rose Paul	32.40
Sadie Cornucopia Wayne	31.42
Hengerveld Magadora, 4 yr	30.55
Abbekerk Korndyke Segis	30.42
Sadie Vale Concordia 3d Ormsby	30.09
Star-Rena Wayne Pietertje	29.93
Bloomingdale Hengerveld Elzevere 2d	29.+
Elzevere Barnum De Kol, 4 yr	29.09

Very few herds can make an equal showing. One remarkable feature is that all of the number, with a single exception, were developed at Brothertown Farms.

Would it not be good business to get your next herd bull from a herd where his value will be sure to be increased by the large records that are constantly being made. Our lines of breeding make good wherever they go.

SPECIAL OFFERING

We have 5 sons of the 44-lb. bull, Spring Farm Pontiac Cornucopia, left that must be sold at once. They are from some of the best daughters of King Segis De Kol Korndyke and we are quoting them very cheap considering breeding and individuality. Where can you get better herd bulls?

Address correspondence to

QUENTIN McADAM, Prop., Utica, New York

W. A. SALISBURY, Supt., Farms at Deansboro, N. Y.

Cazenovia Breeders

Meadowood Farms, Cazenovia, N. Y.

Herd Sire—King Segis Pontiac Acme No. 116467. He is one of the finest bred bulls of today. The combination of breeding which produced this bull is unexcelled in production by no other popular producing blood of the breed. His get is excellent.

W. G. Chard, Prop. A. L. Shepherd, Mgr.

BY A 33.87-LB. SIRE—Dam, a 16.45-lb. 2½-yr-old, produced 458.2 lb. milk in 7 days. She was by Gordon Glen Pontiac, sire of the World's Champion 3-yr-old, and from a 22-lb. daughter of Johanna Rue 3d's Lad. This applies to a 6-mo.-old bull calf we are offering at a bargain. Also, a bull calf by Lorenzo Pontiac Korndyke, a 31-lb. son of Pontiac Korndyke, out of A. R. O. dams. For complete information address Chas. S. Fairchild

Lorenzo Farm, Cazenovia, N. Y.

Two Grandsons of King of the Pontiacs

By King of the Pontiacs Small Hopes—one from an 18-lb. 3-yr-old granddaughter of King Segis; 2d dam a 21.6 lb. 3-yr-old daughter of Korndyke De Haan, the other from an 18-lb. 4-yr-old daughter of Korndyke De Haan. Write for pedigrees and prices. J. A. Fuggle, Sulphur Springs Farm, Cazenovia, N. Y.

Elm Road Farm

Can fill your wants in Holsteins. Herd sire—Sir Woodcrest Korndyke Kate De Kol 5th, who has a 30-lb. dam and a 36-lb. full sister.

R. D. LEE Cazenovia, N. Y.

GRANDSON OF KING OF THE PONTIACS

From a 13.23-lb. yearling daughter of a 22.64-lb. cow. Calf is 7-8 white, straight and right. Price $50.00.

Jay W. Lee, Cazenovia, N. Y.

163 ACRE ALFALFA-DAIRY FARM

30 acres alfalfa.
15 acres woodland.
90 ft. stable—silo.
Well watered. 3 miles from Cazenovia on State Road. Want to sell farm and herd of 28 pure-bred females.

D. D. BLOWERS
R. F. D. Cazenovia, N. Y.

KORNDYKE PONTIAC AAGGIE, 64888
Heads Our Herd.
He was by a son of Pontiac Korndyke, and the 37-lb. former World's Champion, Pontiac Pet., His dam is the great 30-lb. cow, Aaggie Alban Shadeland.
Herd numbers forty head.
W. H. HUGHES
P. O. Webster Station, N. Y. (near Cazenovia). Railroad, Ballina, on the West Shore.

Holstein-Friesian Breeders' Association of Chester Co.

Bulls from cows that are actual producers in the dairy carrying the best blood of the breed. Write your wants to

Philip M. Hicks, Secretary,
Avondale, Pa.

OAKEN BUCKET FARM

Offers for sale ten young cows and heifers of good breeding and bred to better than 30-lb. bulls.

Fred Manning, Waverly, N. Y., R. 1

PLEASANT VIEW STOCK FARM

King Segis Korndyke Clothilde No. 93807 heads our herd. His dam a 27.16-lb. cow and grandam Hilldale Segis, is a 33.17-lb. daughter of King Segis. Address

Irving H. Lee, New Woodstock, N. Y.

A yearling daughter of this cow, sired by King Korndyke Hengerveld Ormsby, was bought by W. G. Sterling, Frankfort, N. Y., at $530. Everything else in the sale, comprising a large proportion of calves and yearlings, though not of a character to warrant high prices, sold well, and the contributors, without exception, expressed themselves as well pleased with the results obtained. Following is a summary of the sale, with a list of animals selling for over $200, and names of purchasers:

Consigned by H. D. Weller & Son, Lowville, N. Y.

Ridgeway Lady Pauline 3d, Zoller Bros., Hammond, N. Y., $400.

4 animals brought $735; average, $183.75.

Consigned by Franklin Wood, Woodville, N. Y.

Johanna Barnum De Kol, D. F. Sprague Harrisville, N. Y., $275.

Maid De Kol Pontiac, D. F. Sprague, Harrisville, N. Y., $225.

6 animals brought $1165; average, $194.17.

Consigned by Zoller Bros., Hammond, N. Y.

Columbo Nicolo Girl, D. F. Sprague, Harrisville, N. Y., $220.

Columbo Nicolo Wayne, D. F. Sprague, Harrisville, N. Y., $220.

Columbo Saake, G. S. Robbins, Adams, N. Y., $235.

Johanna Neah De Kol, G. S. Robbins, Adams, N. Y., $225.

Lady Butter Boy Kenwood, M. S. Gragg, Watertown, N. Y., $225.

56 animals brought $6770; average, $120.89.

3 animals consigned by A. Ellis, Belleville, N. Y., brought $330; average $110.

Consigned by S. M. Strickland, Carthage, N. Y.

Mercena DeKol Calamity, Geo. Weaver, Watertown, N. Y., $275.

Victoria Pansy Posch, James Male, Solvay, N. Y., $265.

7 animals brought $945; average, $135.

Consigned by Davis & Jones, Mexico, N.Y.

Heifer calf from K P Brookside Frindaelia, Zoller Bros., Hammond, N. Y., $265.

K. P. Brookside Frindaella, Zoller Bros., Hammond, N. Y., $605.

Ormsby Brookside, W. G. Sterling, Frankfort, N. Y., $530.

6 animals brought $1805; average, $300.83.

Consigned by R. E. Davis, Mexico, N. Y.

Aaggie Cornucopia Mercedes Daughter, Zoller Bros., Hammond, N. Y., $295.

Hattie De Kol Artis, F. B. Rice, Watertown, N. Y., $215.

11 animals brought $1665; average $150.44.

Consigned by Leon More, Lacona, N. Y.

Lady Hengerveld De Kol Burke, Backus Bros., Heuvelton, N. Y., $330.

Mollie Korndyke Pontiac, Elton M. Berrus, Lowville, N. Y., $280.

Sadie Pledge Korndyke, Elton M. Berrus, Lowville, N. Y., $280.

12 animals brought $2165; average, $180.42.

3 animals consigned by J. H. Hamer, Lacona, N. Y., brought $570; average $190

3 animals consigned by Johnson Farm, Chaumont, N. Y., brought $335; average $111.67.

2 animals consigned by Wm. J. Snyder, Lacona, N. Y., brought $230; average, $115.

Consigned by B. E. Mead Estate, Lacona, N. Y.

Kate Pietertje Concordia De Kol, H. B. Hagan, Philadelphia, N. Y., $230.

Bull calf from Korndyke Butter Girl May Pietertje, Mrs. F. E. Rundell, Carthage, N. Y., $225.

5 animals brought $825; average, $165.

Consigned by Hastings & Prescott, Lacona, N. Y.

Bonaparte Johanna De Kol 2d, Elton M. Berrus, Lowville, N. Y., $220.

Eleanor Pontiac De Kol, J. D. Farr, Watertown, N. Y., $215.

4 animals brought $770; average $192.50.

2 animals consigned by E. J. Mead, Lacona, N. Y., brought $260; average $130.

Grand total (124 animals) $18.460
Grand average 148.87

New Berlin Breeders

COLUMBUS VALLEY STOCK FARM

The home of Locus Butter Boy Pontiac from a 27-lb. granddaughter of De Kol 2d's Butter Boy 3d. Sire, son of Hengerveld De Kol. Bull calves for sale from granddaughters of King of the Pontiacs.

W. B. GATES,
New Berlin, N. Y.

Herd Sire—KING CORNUCOPIA NETHERLAND No. 121633. Backed by such noted sires as King Segis, Hengerveld De Kol, Aaggie Cornucopia Johanna Lad, Korndyke Queen De Kol's Prince, and Paul Beets De Kol; also such great producing cows as Abby Hartog Clothilde (31.39 lb), Princess Segis (30.43 lb), and Lily Cornucopia Netherland (24.00 lb. butter and nearly 100 lb. milk in one day). Four nearest dams average 27.50 lb.

Floyd C. Sholes Jay D. Sholes
New Berlin, N. Y.

FULL VIEW STOCK FARM

Twelve years experienced breeding of choice Holstein-Friesian cattle. Senior herd sire, Aaggie Grace Butter Boy 34839 best son of De Kol 2d's Butter Boy 3d. Junior herd sire, Pontiac Perseus 41666, one of the best bred sons of Hengerveld De Kol. Bull calves from the above breeding for sale.

WM. M. BACKUS New Berlin, N. Y.

MAPLE LAWN STOCK FARM has a few well bred cows for sale. They are bred to Brightview Sir Pietertje Segis, whose get are proving exceptional individuals. His sire is one of the best sons of King Segis, out of a one time world record daughter of Paul Beets De Kol. His dam is out of the same cow as Agatha Pontiac, A. R. O. 36.90 at 4 years, and has 28.82 A. R. O.. State wants.

ELMER TRAVER New Berlin, N. Y.

RIVERVIEW STOCK FARM

Pure bred Holstein-Friesian sires in service. King Pontiac Hengerveld No. 53297. Sir Korndyke Pontiac Artis 13th, 102050. A few young bulls for sale from A. R. O. dams. Good color and good individuality. Price right.

T. A. Page & Son,
West Edmeston, N. Y.

LOCUS STOCK FARM

Fellow Breeders, Take Notice—A rare opportunity to obtain a herd bull. Grandson of Hengerveld De Kol out of granddaughter De Kol 2d's Butter Boy 3d with good A. R. O. backing. Eighteen months out. Well marked. Write for photo, pedigree, etc.

C. L. BANKS & SON
New Berlin, N. Y.

McHenry County Breeders

FLORENTINE FARM

We have for sale a few choice heifer calves from A. R. O. dams.

J. H. TURNER

Hebron Illinois

RIVER VALLEY STOCK FARM

Grandsons and granddaughters of King of the Pontiacs by herd bull, Sir Genie Pontiac, from A. R. O. dams.

These calves are beauties and priced right.

JOHN DEHMLOW, Algonquin, Ill.

PEEP O'DAY STOCK FARM

Offers 1 aged cow and a few young ones; 1 bull born Sept. 10, 1914. Sire, Walker Prilly Johanna Korndyke, whose dam, Johanna Rue Korndyke, holds world's record 8-mos-after-calving.

H. C. LaBrec Harvard, Ill.

Correspondence

New Families to the Front in the Holstein-Friesian Breed.

No longer are the great record cows or great producing families of this breed confined to any special line or lines of breeding. New families are constantly coming to the front.

Many breeders have apparently been of the opinion that the best results could only be obtained, and large records made, from certain lines of breeding, which has been made famous by extensive advertising, expert fitting and testing. Much has been said about "Century sires," as if the number of A. R. O. daughters was an indication of the superiority of a sire. Such is not the case. The number of daughters of a sire in the Advanced Register is only a matter of opportunity. A sire may have 100 or even 200 in the list, and still be a poor sire, unless the average of the records of his daughters is high. The average of records, if made under normal conditions, determines superiority. A sire may have a good list of 30-lb. daughters, and still be inferior, unless the average of all his daughters is high, ages considered. Some of the young sires, about which little has been said or known, are proving to be the best.

Several might be mentioned, but the most remarkable example, which has come to my notice, is Prince Ybma Spofford 6th, No. 47135, which headed the herd of Cornell University a few years ago.

He had a very limited opportunity, and sired only 11 A. R. O. daughters, all the daughters he ever sired, I understand. Three of these were slaughtered before they had proven their value. Four of the eleven, over 36 per cent, made records over 30 lbs. each in a week, as follows: Glista Erica 32.65 pounds, 130.20 pounds in 30 days at 5 years 3 months, her full sister, Glista Eglantine 32.39 pounds in 7 days at about the same age, three-fourths sister, Glista Ernestine 30.51 pounds in 7 days as a jr. 4-yr-old, and Glista Cora 30.16 pounds as a Sr. 3-year-old, nearly a three-fourths sister, making 50 per cent of his living daughters, all young and probably not fully developed, with records over 30 pounds, and two others, Glista Draba, 27.78 pounds in 7 days and Glista Coreva 25.50 pounds in 7 days at 4 years 0 months, which will probably soon be in the 30 pound list, and the remaining two living daughters have good records for their ages. This showing places this sire so far ahead of all others, living or dead, that he stands alone, in a class by himself, as no oth-

More Money from Wheat

$7.46 per acre profit, **over and above the cost of fertilizers was obtained from the use of fertilizers on wheat *on farms* in 10 Indiana Counties when wheat sold at $1 per bushel. *11½ bushels increased yield per acre* was obtained from fertilizers.**

(See Indiana Experiment Station Circular No. 23, Revised Edition, July, 1912).

Our free wheat bulletin tells how to select and apply fertilizer for *biggest profits.* Write

THE MIDDLE WEST SOIL IMPROVEMENT COMMITTEE
of the National Fertilizer Association
939 POSTAL TELEGRAPH BUILDING CHICAGO
Plantfood Paves Prosperity's Path

For Sale—Choicely Bred Bull

A fine individual born Feb. 26, 1914. Sired by Wolverine Pontiac Hengerveld, whose dam has a 7-day record of 30.21. Dam of the bull has a 7-day 29.58. Grandam 25.16. His dam has a world's record for her class, she by Sir Prilly Hengerveld, who is a grandson. Hengerveld De Kol and Prilly 25.2 the greatest cow of the breed through her daughter. Also bull from Beach Segis Pontiac and Sir Prilly Hengerveld, from good A. R. O. dams.

Frank Sutfin, R. 9., Battle Creek, Mich.

BULL READY FOR SERVICE

Born Jan. 4th, 1914. Sire: King of the Black and Whites. Dam: Lockhart Lilith Belle No. 208545. After having a pair of twins that I believe would weigh over 160 pounds and also after being over 47 days she made milk 393.8 lbs., butter 21.08 lbs. in 7 days. Full sister to Lockhart Lilith the 30-lb. 3-yr-old whose dam and the dam of Lockhart De Kol are the only full sisters that have each produced a 30-lb. 3-yr-old. This bull is about half black and half white.

Price $1,000 or will sell a half interest in New York State for $500.

LOCKHART HOLSTEIN FARM

EUGENE LA MUNION SOLSVILLE, N. Y.

20—HOLSTEIN BULLS—20

Rich in the blood of Pontiac Korndyke, Colantha 4th's Johanna, De Kol 2d and Hengerveld De Kol the best of the breed.

One whose dam and grandam both have records of over 31 lbs., 7 days, one son of Pontiac Korndyke. Also a few cows, bred to a son of Pontiac Korndyke.

WM. N. OSBORN
Box 700 Wanatah, Ind.

BRED FOR PRODUCTION

For Sale—Holstein bull born March 18, 1914. Fine individual, three-fourths white. Dam, A.R.O. 23.83 lbs. butter, 591.2 lbs. milk as senior 2-year-old. She is the best veined heifer and has the largest udder of any I ever saw. Sire of bull, a son of Colantha Johanna Lad, from good A.R.O. daughter of Pontiac Korndyke. Also for sale, bull calves from same sire and dams with good A.R.O. records. **Elmer S. Blossom, Cuba, Allegany Co., New York.**

$75 Sold to Dr. H. A. Beach $75
Mankato, Minn.

Royce Farm Abbekerk King

I now offer

ROYCE FARM ABBEKERK COUNT

Dropped Nov. 9, 1914.

Sire, Changeling Abbekerk Prince No. 88201. Dam, Rebecca Clothilde Spofford No. 215439. A. R. O. 2 yr. 1 mo. milk 394.9, butter 15.225.

You can't go wrong on this one. Send for photo and pedigree.

F. W. ROYCE Royce Stock Farm
Berkshire, N. Y.

th

$12,000.00 CASH BONUSES!

FOR DEVELOPING DAUGHTERS OF

RAG APPLE KORNDYKE 8th

"THE GREATEST BULL IN THE WORLD"

To the owners of each of his first ten daughters getting A. R. O. records of twenty pounds of butter or over in seven days at two years (Junior or Senior) we will pay the sum of $200.00 in cash.

To the owners of each of his first ten daughters getting A. R. O. records of thirty pounds of butter or over in seven days at any age, we will pay the sum of $1000.00 in cash. Total cash bonuses $12,000.00. His daughters owned by us are not eligible to compete for these bonuses.

More bonuses will doubless follow so that every owner of a daughter of Rag Apple Korndyke 8th will have a chance.

"HITCH YOUR WAGON TO A STAR"

Start after some of this money at once by breeding one of your good cows to Rag Apple Korndyke 8th. A heifer will prove the best investment you ever made and a bull is sure to command a good round figure.

PINE GROVE FARM

Oliver Cabana, Jr. **ELMA CENTER, N. Y.**

Near Buffalo

er bull approaches him in percentage of 30-pound daughters.

If any other bull, with 11 or more daughters in the list, has half as high per cent of 30-pound daughters, I have failed to find the facts in the Blue Book. When we consider that the most famous bulls of the breed have but 6 per cent to 16 per cent, and some "century sires" but 2 per cent of their daughters in this coveted list, some conception of the wonderful superiority of this sire will be apparent to all This bull was no accident. His sire has 27 A. R. O. daughters and 16 sons, his sire's dam made 30.38 pounds of butter in 7 days, and sold for $6,000, dam of next sire made 26.03 pounds butter in a week at 3 years 1 month, world's record for that age for 6 years.

The credit of producing this remarkable family is not his alone, for his two best daughters were full sisters, Glista Erica 32.65 pounds and Glista Eglantine 32.39 pounds, both at five years, and their dam, Glista Omricron made 31.60 pounds at 10 years, while Glista Ernestine which made 30.51 pounds as a Jr. 4-yr-old is from a sister to their dam, and Glista Cora 30.16 pounds as a Sr. 3-yr-old is also very nearly a three-fourths sister.

By the union of two such families we would naturally expect such results. In breeding we look for the greatest results by the combination of two superior strains of the same breed, by the union of two great forces, producing greater than either.

E. A. Powell

Syracuse, N. Y.

Sixth Annual Meeting of McHenry Co. Breeders

The sixth annual meeting of the McHenry Co. Holstein Breeders' Association held at Woodstock, Ill., June 12, was devoted largely to planning for the future. The two main events to be arranged for are the annual picnic which will be held on the farm of some member of the association in a few weeks and the annual sale which will be held in the latter part of October or early in November. The picnic was left entirely in the hands of a committee, consisting of Geo. A. Hunt, Delos L. James and J. H. Turner. They will be ready to announce their plans in a few days.

A roll call was taken to ascertain the number of cattle which could be expected for a sale and 85 head were offered by members present. This includes the entire dispersion of the herd of Geo. B. Baker, Woodstock, and consignments from Fred N. Turner, Hebron; John DeYarmond, Marengo; B. L. Thomas, Woodstock; W. H. Gardner, Solon Mills; R.E . Johnson, Hebron; O. D. Harrison, Ringwood; E. S. Smith, Harvard; M. M. Wakeley & Son, Harvard; C. W. Harrison & Son, Ringwood. The tuberculin test was discussed at length, the majority believing that a more successful sale would result if all animals were tuberculin tested although there was no objection to selling untested cattle if this fact was stated in the sale catalog. It is not likely that any untested animals will be offered in the sale this year.

County Agriculturist Delos L. James presented two resolutions which were adopted. The first urged the removal of the tuberculosis quarantine from the counties of McHenry, Lake, Cook, Kane and DuPage as it was unnecessary, unjust and discriminating. The second, following the line laid out by other associations, asked for the appointment of a practical live stock man as Chief of the Bureau of Animal Industry.

Officers elected for the ensuing year are: President, C. W. Harrison, Ringwood; vice-presidents, Frank White, Woodstock and W. H. Gardner, Solon Mills; secretary, L. M. Wakeley, Harvard; treasurer, B. L. Thomas, Woodstock. The committee chosen to arrange the sale consists of Fred N. Turner, Hebron; B. L. Thomas, Woodstock; C. W. Harrison, Ringwood, and L. M. Wakeley, Harvard.

L. M. Wakeley,
Secretary.

Holstein Breeders Incorporate

"The Susquehanna Valley Holstein Breeding and Testing Association, Inc." is the name of a new corporation, the first of its kind of which we have heard. The incorporators are Charles J. Armstrong, P. R. Bennett, F. L. Quaif, H. C. Swartout and Lee Kinne.

The purpose of the association is to breed and develop Holstein cattle, especially the daughters of their herd sires.

The plan, as now being worked out, is to equip a modern test barn for the housing of animals while records are being made under the supervision of an expert who has not yet been engaged. Tests will be conducted for other breeders, thus making it possible for them to secure the services of men trained in the work of making A. R. O. records.—Chenango Co. Farm Bureau notes.

Inclosed please find $1.00 for which extend my subscription another year. I feel your paper is well worth the money and could not get along without it. Hiram P. Loverin, South Willington, Conn.

Inclosed please find one dollar for the renewal of my subscription. I would not think of being without the World. Herbert B. Bailey, Davidson, Me.

SHOW BULL

READY FOR SERVICE

Yearling, largely white and weighing over 1000 lbs.

BY KING SEGIS PONTIAC CLORINDA

from an A. R. O. daughter of

HOMESTEAD GIRL DE KOL SARCASTIC LAD

We guarantee him quick and sure at service and entirely satisfactory in every way.

SPECIAL PRICE $250

Recently tuberculin tested. As Sussex County is free, may be shipped at once to any point not in "closed area."

DON'T DELAY—DO IT NOW

Write or wire (our expense) for chart, photo and full information.

Also offer several Clorinda Bull Calves as follows:

One from a 28-lb. and 118-lb. daughter of Pontiac Burke $400.

One from a 22-lb. daughter of King Segis $300.

One from a 21-lb. 3 year daughter of King Pontiac Calypso $275 and several from young A. R. O. daughters of Mutual Pietertje Paul $150 to $250.

AURAY FARMS

F. M. AVERY
I. M. AVERY, M'g'r.
SPARTA, Sussex Co., N. J.

BENNINGER'S THIRD CONSIGNMENT SALE

100 REGISTERED HOLSTEINS

THURSDAY, JULY 22, 1915

Allentown, Pa., Fair Grounds

Consignors are E. C. Brill, Stewartsville, N. J.; J. G. Kerrick, Towanda, Pa.; C. L. Petersheim, Ronks, Pa.; D. M. Sterner, Quakertown, Pa., C. W. Newman, Wyalusing, Pa., and W. M. Benninger, Benningers, Pa.

Here you will be able to buy high class, richly bred animals for less money than at any other sale. Write for catalog.

W. M. Benninger, Benningers, Pa.

HIGH-CLASS HERDSMAN WANTED

A man with experience in a successful herd—capable of feeding and caring for valuable cattle. He must be a man of good habits, willing to attend to his work seven days in the week.

An exceptional opportunity for the right man. Address: Grahamholm Herd, W. J. Boynton, Mgr., Rochester, Minn.

Hamilton Breeders

A. A. Hartshorn Holstein Co.—Inside front cover.

BULL READY FOR SERVICE

Six nearest dams (3 above 30 lb.), averaged over 27 lb. A son of our herd sire, Beauty Pietertje Hamilton, the greatest transmitting blood of the breed.

Prilly, Walker, Korndyke, Clothilde Goudgeld Hugo.

Write for further information and our low price.

Dr. O. S. Langworthy, Hamilton, N. Y.

A Desirable Family For Sale—Rose Rouble Hartog 127349—6 years old, with a 22.66-lb. 4-yr-old record, and from a 24-lb. 4-yr-old dam—splendid breeding—and her 3 daughters, one by the 32-lb. sire, Clarissa Pietertje Ponto; one by King of the Black and Whites, and one by the 30-lb. sire, Korndyke Pet.

Price very reasonable for a quick sale. H. W. Hartshorn, Culvert Brook Stock Farm, Hamilton, N. Y.

FOR SALE Eight heifer calves, ages up to a year old. Price $1000. (Last eight went to Louisiana for $1200.). Also four heifers due in the fall at $800. "Walker" blood predominates.

J. GRANT MORSE

Laurel Farm Hamilton, N. Y.

For Quick Sale

A few choice young bull calves from a grandson of Hengerveld DeKol and from tested dams. Prices $50 to $75.

Chenango Farms, Hamilton, N. Y.

SUNNYSLOPE HERD

Offers two heifers bred to our 31-lb. sire Sir Witkop De Kol Korndyke No. 111142. This pair are show animals and have the right breeding. Price $500 F. O. B.

J. C. Morris, Hamilton, N. Y.

Maple Ridge Herd

Offers for sale at a bargain, The Herd Bull Maple Ridge Pontiac Vernon No. 118467, born Sept. 22, 1912.

This bull is a good server, and a good individual, nearly all white in color and all right every way for a large herd. His nine nearest dams average 26.74 lbs. butter in 7 days and he traces close up to some of the best of the breed, his four great grandams are Pontiac Lunde Hengerveld, 28.41; Alcartra Polkadot Ormsby, 31.24; Edith Pauline De Kol Korndyke, 2909; and Lady Meta Vernon, 27.-06 lbs. A brother to his dam sold as a calf last year for $2000. But our price on this bull is so low we are ashamed to publish it, as we have too many bulls.

Send for his pedigree and price, to

C. H. FITCH & SONS

BURLINGTON FLATS, N. Y.

HOLSTEIN-FRIESIAN WORLD

40 to 60 pages and is

PUBLISHED WEEKLY

The 1914 volume contained over

1000 ILLUSTRATIONS of the

GREAT ANIMALS OF THE BREED

Price per year (52 numbers) is $1.00

CORRECTION.

A further correction is to be made in the list of leading prize winners for 1914-15, as Geo. E. Stevenson & Sons, Waverly, Pa., won $254.50, giving them eighth place and crowding the rest down one notch lower.

Geo. E. Stevenson & Sons, Waverly, Pa., Write: In the 1914-1915 "List of Prize Winners and cows debarred from competition by limitations" Holstein-Friesian Association of America, the Hornless Holsteins of Geo. E. Stevenson are awarded the following positions:

Geneva Hengerveld Pauline, 125805, 4 yr. 11 mo. 4 da. semi-official or lactation period, milk 17626.4 lb.; 3.41 per cent; 600.67 lb. fat. Sixth prize of $27.50. She dropped calves at beginning and end of period, less than 12 months apart.

She was also placed in the "eight months after freshnening division" for 7 day production. Former record, 551.2 lb. milk; 18.63 lb. fat; 23.28 lb. butter. 324.7 lb. milk, 3.80 per cent; 12.333 lb. fat; 7th prize, $20.00.

Courtland Korndyke De Kol, 128617, 4 yr. 11 mo. 22 da. Former record, 378.-3 lb. milk; 13.572 lb. fat; Eight months after, 363.1 lb. milk; 3.66 per cent; 13.295 lb. fat. 5th prize, $25.00.

Keystone Beauty Plum Johanna, 161646, 3 yr. 3 mo. 23 da. 30 da. A. R. O., 2390.1 lb. milk; 3.70 per cent; 88.-421 lb. fat; 110.52 lb. butter, 4th prize, $27.50.

7 da. A. R. O. 568.0 lb. milk; 3.81 per cent; 21.634 lb. fat; 27.04 lb. butter. Debarred.

8 mo. division, 422.8 lb. milk; 4.25 per cent; 17.967 lb. fat; 22.45 lb. butter. 2d prize, $35.00.

8 mo. division, 422.8 lb. milk. World's record for milk. 1st prize, $50.00.

Semi-official or lactation period, 365 days. At 3 yr. 3 mo. 23 days. World's record for age. 22496.6 lb. milk; 3.94 per cent; 887.11 lb. fat; 1108.8 lb. butter. 2d Prize, $37.50.

Total Prize money $150.00—more than is shown for any other animal in the prize list.

Napol Vale De Kol, 205892, 1 yr. 10 mo. 1 da. 8 mo. division. Former record, 348.7 lb. milk; 13.275 lb. fat; 16.-59 lb. butter. 269.3 lb. milk; 3.75 per cent; 10.097 lb. fat; 12.62 lb. butter. Debarred.

Semi-official or lactation period, 365 days, 15482.8 lb. milk, 3.67 per cent; 567.49 lb. fat; 709.36 lb. butter. 9th prize, $32.00.

Total, $254.50.

One other hornless mature cow was carried semi-officially last year but failed to be mentioned among the prize winners.

Only one horned animal, Maggie Korndyke, 2 yr. 1 mo. 24 da., is mentioned as debarred in the "8 months after freshening" division and again as debarred in the semi-official division, in which division she produced 15453.6 lb. milk, 476.56 lb. fat. and dropped calves at the beginning and end of the lactation period, exactly 14 months apart.

No other animal shown in the prize list won as many positions or was debarred in every class to which she was eligible other than Keystone Beauty Plum Johanna. In the "8 months after freshening" division she broke the World's record twice, the last time beating Finderne Holingen Fayne and was again later beaten by Finderne Holingen Fayne, who produced .08 of a pound more fat in 7 days than did Keystone Beauty Plum Johanna. She will appear in the next Blue Book as the world's record junior 3-yr-old milk producer in 7 consecutive days eight months after freshening; she will also be the youngest animal in the world of any age or breed to have produced 1108 pounds of 80 per cent butter in 365 days.

I believe the milk record of our yearling, Napol Vale De Kol, is the greatest for an animal of her age, 1 yr. 10 mo. 1 da., ever produced.

Cornucopia Plum Johanna, 90522, the mother of Keystone Beauty Plum Johanna has recently completed the following official records and still continued semi-officially, having the following record to date:

A. R. O., 7 da. record 25.76 lb. butter, 489.6 lb. milk; 30 da. record, 105.73 lb. butter, 2264.9 lb. milk; 60 da. record, 206.31 lb. butter, 4217.9 lb. milk; 90 da. record, 308.36 lb. butter, 6361.3 lb. milk; 100 da. record, 337.90 lb. butter; 6924.0 lb. milk.

Semi-official, 151 da. record, 512.40 lb. butter, 10247.3 lb. milk.

Keystone Beauty Plum Johanna's full sister, Keystone Plum Johanna, 139786, has just completed the following official records and still continued semi-officially, having the following records to date:

A. R. O., 7 da. record, 29.34 lb. butter, 571.2 lb. milk; 30 da. record, 117.-05 lb. butter, 2378.4 lb. milk; 60 da. record, 227.3 lb. butter, 4969.5 lb. milk; 90 da. record, 331.74 lb. butter, 7271.6 lb. milk.

Semi-official, 146 da. record, 516.60 lb. butter, 11245.5 lb. milk.

The management of the cattle during the making of these tests as well as all feeding and milking was conducted entirely by my sons, Joseph M. Stevenson and Edwin Stevenson, without previous experience except in our own herd and we naturally feel gratified with our success.

We have succeeded in producing one polled bull to date that has been tried out on a horned herd for the first year and has twenty-nine calves from horned dams, every calf being a naturally hornless animal.

Inclosed please find one dollar for which renew my subscription. I have a very high regard for the World and consider it invaluable to the Holstein breeder. H. T. Cole, Hannibal, N. Y.

Inclosed find $1.00 for the renewal of my subscription to the World. I would not like to miss a single issue. It is a great paper and we enjoy it very much. William Ried, Wallum Lake, R. I.

Enclosed find a post-office order for $1.00 for which please renew my subscription to the Holstein-Friesan World. I thoroughly enjoy reading every issue. Mason Shaw, Madrid, N. Y.

Please find one dallar inclosed to pay for the renewal of my subscription. The World has been improving at a great stride for the last year or two. I don't see how you can improve it much more. It is good enough now. E. L. Beebe, Nelson, N. Y.

HOLLYWOOD FARM

Herd headed by HOLLYWOOD LILITH PALMYRA No. 118678.

Sire—King Palmyra Fayne No. 72099.

His first five daughters to freshen averaged over 20.1 lb. butter in 7 days at the average age of 2 years 3 months.

Dam—Lilith Queen Pauline No. 110568.

7 days milk 564.3 lb. 7 days butter 32.4 lb.

30 days milk 2420.3 lb. 30 days butter 117.8 lb.

365 days milk 26135.9 lb. 365 days butter 1075.8 lb.

The herd consists of 123 A. R. O. cows, among which are:
9 cows with official records of over 100 lb. milk per day.
5 cows with official records of over 30.0 lb. butter in 7 days.
24 cows with official records of between 25 and 30 lb. butter in 7 days.
14 cows with official records of over 100 lb. butter in 30 days.

	7 days		30 days		365 days.	
	Milk Lbs.	But. Lbs.	Milk Lbs.	But. Lbs.	Milk Lbs.	But. Lbs.
Pietertje Floa Artis	494.5	38.141	2311.6	140.025	.....	.....
Lilith Queen Pauline	564.3	32.4	2420.3	117.8	26135.6	1075.8
Piet. Korndyke Abbekerk	674.0	25.8	2670.1	106.5	23874.2	984.8
Inka Beets DeKol at 2 yrs. old	492.6	20.6	2061.8	84.6	19673.6	954.4
Adv. 3d's D. K. 2d Lass at 4 yrs. old	560.6	27.0	2364.7	107.7	21860.0	891.4
Queen of the Hengervelds	643.2	26.6	2773.0	106.4	23787.5	878.09
Kate Pontiac at 4 yrs. old	672.9	25.4	2652.2	98.7	23935.3	805.01

A few well bred bull calves for sale whose two nearest dams average over 800 lb. butter in 365 days. One bull calf whose two nearest dams average 31.8 lb. butter in 7 days, and whose 6 dams average 27.0 lb. butter in 7 days.

Correspondence solicited. We are not under quarantine.

HOLLYWOOD FARM, nearSeattle, HOLLYWOOD, WASH.
R. F. D. 1, Box 1

"My impression is that a farmer is investing his money equally advisably if he purchases raw rock phosphate and applies an average of 500 pounds per acre annually, as though he invested the same money in additional land."
Hugh G. Van Pelt, Editor,
Kimball's Dairy Farmer.

RAW ROCK PHOSPHATE

Finely Ground (Floats)

A Phosphorus Fertilizer for Use with Stable Manure or Green Manure Crops

"In our experiments 40 pounds of rock phosphate costing 17 cents, added over one dollar to the crop-producing value of a ton of manure."
Dr. Thorne, Director.
Ohio Experiment Station

Let us send you our booklet "The Farm That Won't Wear Out," and quote delivered prices. Ask for booklet H-75.

The Robin Jones Phosphate Co.
NASHVILLE, TENNESSEE

New Woodstock Breeders

J. A. Stanton & Son—Half page ad.

BY A 26-LB. SIRE

We offer a bull calf by a 26-lb. son of De Kol Beets Segis, and from a 16-lb. granddaughter of De Kol Hengerveld Burke. A good calf at a reasonable price. Herd sire, a son of King Segis Pontiac Alcartra.

F. L. & I. H. HUNT
New Woodstock, N. Y.

GRANDSON OF KING OF THE PONTIACS

From an A. R. O. dam for sale. A fine youngster. Come and see him and his dam. Also a few sons of Korndyke Defiance Segis. Prices very low.

A. L. LAMUNION
New Woodstock, N. Y.

SIR URMAGEL BURKE

Heads our herd. He is by De Kol Hengerveld Burke. His dam, Urmagelsche 2d A has 31.24 lb. and has two 30-lb. daughters, one having 35 lb. Herd numbers 60 head. Address:

F. L. FREEBORN
New Woodstock, N. Y.

WHAT DO YOU THINK OF THIS ?

Bull born Feb. 7, 1914—A splendid individual, more white than black—well grown—ready to use right now.
Sire—Sir Urmagel Burke, a famous son of a 31-lb. dam.
Dam—A 22-lb. 3-yr-old daughter of De Kol Beets Segis—one of the best sons of King Segis.
Here is quality at a very low price.
Send for complete information.
Damon Bros., New Woodstock, N. Y.

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Holstein cattle a specialty
Satisfied customers my best advertising
Please write for dates

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Dates made anywhere.

ROY WHITE
Woodstock Illinois

COL. D. L. PERRY

THE HOLSTEIN AUCTIONEER
I also sell satisfaction.
COLUMBUS, OHIO.

SETTLED THE BULL QUESTION ?

We offer one born July 10, 1914, ready for immediate service. ¾ white, a splendid individual, well grown.

Sire—Woodbine Pontiac Hengerveld, who was by a 31-lb. son of King of the Pontiacs, and from a 28-lb. 3-yr-old daughter of King Segis Pontiac. Showed at 12 fairs, winning 10 firsts and 2 seconds.

Dam—A 20-lb. cow that sold in public sale for $330. A sure 25-lb. cow. Will guarantee this bull to please or he may be returned at my expense.

Write for details.

LEON MORE Lacona, N. Y.

WONDERFUL OPPORTUNITIES

Are open to young men in the breeding and development of Holstein cattle. But today the work must be on a practical basis, if it is to succeed.

Two Year Practical Courses in Agriculture, Including Dairy Husbandry Are Given at the

NEW YORK STATE SCHOOL OF AGRICULTURE

AT MORRISVILLE, N. Y.

Students take care of the herds of pure bred cattle on the school's 200-acre farm, make A. R. O. records, fit for show ring, write pedigrees and learn other practical details of up-to-date management of dairy herds. The school is situated in the richest Holstein section of the country and famous herds are open for inspection and study.

Courses in Horticulture and Poultry Husbandry are also storng features.

Entrance requirements. Completion of the Eighth grade, 16 years of age and good character.

Tuition is free to residents of New York and necessary expenses are very moderate.

Send for catalogue or information to

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HEADED BY

SIR KORNDYKE QUEEN NO. 55993

22 A. R. O. Daughters

HIS OLDEST DAUGHTER IS ONLY THREE YEARS OLD

Five junior two year olds, with A. R. O. records, 20.75 to 21.55 lbs.
Seven junior three year olds, with A. R. O. records, 20.97 to 25.70 lbs.
His 22 daughters half junior two year olds average 20 lbs.

FOR SALE

Six granddaughters of Sir Korndyke Queen. A fine lot of heifers, nicely marked from 12 to 18 months old.
Five yearling heifers with extra good breeding.
A few good A. R. O. cows.
A few extra good sons and grandsons of Sir Korndyke Queen.

Herd numbers 100 Head **Come and see us**

BURR BROTHERS

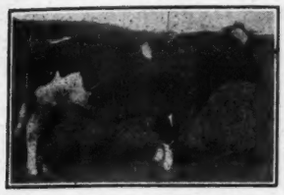
WAUSEON FULTON COUNTY OHIO

$100-$200

You are cordially invited to investigate the merits of our offerings in high-class young bulls. To make this easy for you we have prepared, for your special benefit, pedigree charts of some that we can recommend as being representative of Meadow Brook quality.

Three youngsters in particular (at $100 to $200 each) we want you to know about—all close to three different combinations of three successive generations of 30-lb. cows, beautiful individuals and without a blank in their pedigrees. If you need a bull you owe it to yourself to get descriptions of these before buying.

JOHN C. SHARPE, BLAIRSTOWN, N. J.
R. L. WILLIAMS, Supt.



Woodcrest Pietje Walker

Born Nov. 11, 1912

A Superior individual with great producing and transmitting ability behind him. Weight 1950.

Sire—Pietje 22d. Son, whose first 18 tested daughters average 20.11 lbs. butter at an average age of 2 yrs. 5 mo. and 29 days. **Not a selected lot but all that have freshened.** His first 4 yr. old daughter recently made 32.01. Son of Homestead Girl De Kol Sarcastic Lad A. R. O. daughters, and from Pietje 22d, 31.62 in 7 days, 128.32 in 30 days and 566.60 in 6 months, who has 3 A. R. O. daughters over 25 lbs. and 3 A. R. O. sons.

Dam—Isabella Clothilde Walker one of the greatest cows of the breed. 27.66 in 7 days 108.19 in 30 days and 987.75 lbs. butter and 22,082 lbs. milk at 10 yrs. of age. Dam of Isabella Hengerveld 30.43, and Lottie Walker Spofford the only 4 times 30-lb. cow whose son Admiral Walker Prilly is the only bull of the breed whose first five daughters average 19.72 lbs. at an average age of 2 yrs. and 25 days. Absolutely right in every way. Write now for pedigree and price.

WALCOWIS FARMS

Lake Geneva, Wis. :: A. B. DICKINSON

Some Want Quantity, Others Want Quality

You get both in King Pontiac Segis Veeman, born Feb. 25, 1914. The records of his dam, sire's dam and grandam average as follows:

7 days	butter	31.85 lb.
30 "	"	129.29 "
365 "	"	1034.95 "
365 "	Milk	21151.90 "

with each of them averaging right up to 4% fat for the entire year. His dam a 29-lb. daughter of the great Sir Veeman Hengerveld, 7 30-lb. daughters, and a lot more coming. Sire, King Segis Pontiac Count, a son of the highest yearly record daughter of King of the Pontiacs. A great combination of blood lines, good individual. Send for chart pedigree and price

ARDEN FARMS INC. W. J. YOUNG Mgr.

Merriam Park Sta. St. Paul Minn.

COWS, HEIFERS AND HEIFER CALVES

Some Choice Ones For Immediate Sale

Herd Sires: Sons of King of the Pontiacs and King Walker.
No embargo. Our cattle can go into any state.

HAMILTON FARMS, Southend P. O. Ontario
10 minutes trolley ride from Niagara Falls.

Maplemont Farm

No. 1—Bull calf, born April.

Sire—King Segis Pontiac Alcartra, the $50,000 bull.
Dam—Wachusett Catrina (A. R. O. butter 32.70; milk one day, 113.5 milk 7 days, 768). Price $2000.00.

No. 2—Bull calf.

Sire—Kearsarge Pontiac Butter Boy, his dam and sire's dam average over 30 lb. butter in 7 days and 116 lb. milk 1 day.
Dam—Maplemont Vinnie (A. R. O. butter 28 lb. 2 A. R. O. daughters). Price $500.00.

No. 3—Bull born August 25, 1914.

Sire—Pietje Alcartra Fayne. Four nearest dams average 32.20 lb.
Dam--Aaggie Pietje Piebe (A. R. O. 25.40 lb.) A daughter of Gracie Ward Piebe and Aaggie Pietertje Pauline, a 25-lb. daughter of Paul Beets De Kol. Price $500.00.

J. W. PRENTISS & SON
ALSTEAD, N. H.

WYOMING

"MILE HIGH" HOLSTEINS

Bull calves, born and bred in the Rocky Mountains at an elevation of 5300 ft. sired by a son of Sir Korndyke Hengerveld De Kol out of a full sister to Pietertje Maid Ormsby. If you want lungs and constitution, besides breeding, try a "Mile High" once.

SHOSHONE STOCK FARM, Cody, Wyo.

WANTED

The best bull I can get for $300.00, not under three months old, F. O. B. Dodge City, Kansas.
Address letters to

H. V. HOFFMAN,
Route 2, Wright, Kan.

ST. LAWRENCE STOCK FARM

Offers a Holstein bull, born Dec. 22, 1912. Sired by a son of Mooie Fayne De Kol, from a 25-lb. cow. Dam is a 13.49-lb. jr. 3-yr-old daughter of an 18.13-lb. cow. Bull is nicely marked, a little more black than white. Is a choice individual, sure, kind and guaranteed right in every respect. Price $75.00 f. o. b. Morristown, N. Y.

PARMALEE STOCK FARMS
Putney, Vt.

Offer bull calf, born in March, out of 26.25-lb. dam and whose 3 nearest dams on sire's side average nearly 29 lb. He combines the blood of Pontiac Korndyke, King of the Pontiacs and Pontiac Calypso. If you are looking for one of the good kind write for pedigree and price.

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Designers
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Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference, this paper. Satisfaction guaranteed.
Library Bldg., Tioga St., Ithaca, N. Y.

PHELANDALE HERD

OFFERS bull calves from 1 to 5 months old sired by Hengerveld Homestead De Kol, whose three nearest dams average 644 lb. milk and 30.49 lb. butter in seven days. Dams of calves are daughters of Dutchland Colantha Sir Inka (the world's greatest 7-yr-old sire), and have records from 24.22 lb. to 30.94 lb. butter in heifer form.

JAMES PHELAN
Forestville, Chautauqua Co. N. Y.

HARRINGTON & GEROW
Madison, Wis.

The only office in the Middle West equipped for the management of Public Sales and the rapid compilation of Catalogues and Pedigrees.

Write for Particulars concerning our

STANDARD HERD REGISTER

UNEEDA KORNDYKE HERD
Holstein-Friesian Cattle.

Just a few sons of King Segis Pontiac Polkadot left. Going fast. Write quick if you want one.

F. J. BRISTOL & SONS COMPANY
Oakfield Wisconsin.

HOLSTEIN BREEDERS

Desiring to purchase young Bulls with two and three crosses of the blood of King Segis, Aaggie Cornucopia, Grace Fayne, Colantha Johanna 4th, Blanch Lyons at reasonable prices should address C. S. Averill, The Yates, Syracuse, N. Y.

FOR SALE

Son of the World's Champion

Risinghurst offers a son of the World's Champion Lindenwood Hope, three years old, by Johanna Concordia Champion.

Individually one of the best bulls we have ever seen.

He will be priced to sell at once.

We have some very nice heifers to freshen this fall sired by him, one of them from the world record Crown Princess Maxie De Kol 2d. She is the only female in the world with a world record Dam and Sire's Dam and she looks like the real candy.

Now is the time to buy.

G. W. RISING **Fayette, Ohio**

YOUNG BULL BY A 31-LB. SIRE

FOUR YOUNG BULLS by a 23.75-lb. sire All have excellent A. R. O. dams.

TWO HEIFERS bred by 31-lb. sire.

TWO HEIFERS bred to 23.75-lb. sire.

Visit the Belvoir Farm and select your next Sire and buy a Heifer.

BELVOIR FARM LAKE GENEVA, WISCONSIN

RUSTLE HERD

Headed by Sir Korndyke Manor Johanna No. 132835, his dam Johanna Korndyke 31.65 lbs. at 4½ yrs., sire's dam a 29.86-lb. daughter of Hengerveld De Kol. His calves are the best marked, largest and best individuals we have ever had.

Three bull calves for sale. No. 1—Dam a 25.86-lb. 5-yr-old. No. 2—Dam a 22-lb. 4-yr-old. No. 3—Dam a 17.95-lb. 3-yr-old gr. daughter of King of the Pontiacs, her dam a 24-lb. gr. daughter of Pietertje Hengerveld Count De Kol.

O. L. PRINDLE West View Ohio

TRUE AS PREACHIN'

The combination of the blood of Pontiac Korndyke and King Segis has produced some of the greatest and most popular animals of the breed. Both strains are every day growing in popular approval. The man who has these lines of breeding for sale never lacks buyers.

Here is your chance to get in on it.

Our herd sire, Prince Korndyke Pontiac 94632, is one of the most promising sons of Pontiac Korndyke, being from a 33-lb. daughter of Pontiac Korndyke. We now offer two of his sons—full brothers—one a year old last December—ready for immediate service; the other born Jan. 4, 1915. Both are splendid individuals.

The dam, Hilldale Gem Segis, has records of 28.6-lb. butter, 609.9 lb. milk in 7 days as a 4-yr-old, with second calf, and over 22 lb. as a senior 2-yr-old with first calf. She was tested by an inexperienced man, and is sure to go over 30 lb. in a later test. She was by King Segis Beets, conceded by many to be the best son of King Segis and from a dam that has three 20-lb. 2-yr-old daughters.

We are pricing these young bulls to sell at once. Write for complete information and price.

HUGH J. DAVIS

Maple Ridge Herd **Broadalbin, N. Y.**

REPORT OF THE TRI-COUNTY BREEDERS' SALE

Concerning the results of the Tri-County Breeders' Sale at Sidney, June 16 and 17, Mr. E. E. Risley of Walton, N. Y., writes us as follows: "Circumstances rather conspired against us as the effects of the quarantine kept all of our Western buyers who have previously been with us from attending the sale. Only one cow was sold out of the state. Practically all were disposed of to local buyers.

The very poor outlook for a hay crop, together with scarcity of money among the farmers had a tendency to keep down the prices. The second day of the sale, however, was nearly on the average with our last year's sale, considering the value of the stock.

The consignors are all well satisfied with the prices their stock brought the condition of the times and hay crop being considered."

Following is a list of all animals bringing over $200 with the names of their purchasers, also a summary of the sales for each consignor.

Consigned by E. E. Risley, Walton, N. Y.

Hill Pine Veeman Vander, Lewis C. More, Beerston, N. Y., $225.

Delta Flora Hamilton, Ward Loomis, Bainbridge, N. Y., $300.

Delta Segis, William H. Russell, Carbondale, Pa., $375.

Fytje Rowena De Kol 2d, R. W. Siver, Sidney, N. Y., $215.

15 animals brought $3,025 at an average price of $201.67.

Consigned by Ralph Corbin, Bainbridge, N. Y.

Sunrise Hengerveld Aaggie Fred Pomeroy, Sidney Center, N. Y., $285.

Full sister to Sunrise Hengerveld Aaggie, W. D. Loomis, Bainbridge, N. Y., $270.

11 animals brought $1,765 at an average price of $160.45.

Consigned by H. C. Swartout, Hartwick Seminary, N. Y.

Prince Lyons Segis, J. C. Ellsworth, New Berlin, N. Y., $225.

Arcady Lyons Adria, E. M. Stanton, New Woodstock, N. Y., $300.

Terracelawn Pontiac Queen, C. L. Banks, New Berlin, N. Y., $205.

Female, W. H .Mace, Cortland, N. Y., $210.

17 animals brought $2790 at an average price of $164.12.

10 animals consigned by M. C. Johnston, Sidney, N. Y., brought $1,113 at an average price of $113.

4 animals consigned by G. T. Every, Bloomville, N. Y., brought $510 at an average price of $127.50.

13 animals consigned by J. L. Ahrens, Deposit, N. Y., brought $1800 at an average price of $138.46.

Consigned by Mrs. W. L. Terry, Walton, N. Y.

Brookside Houwtje Johanna, H. C. Scott, Unadilla, N. Y., $215.

Mountain View Lady, E. A. Vandervort, Sidney, N. Y., $300.

11 animals brought $1895 at an average price of $181.36

6 animals consigned by Ira S. Jarvis, Hartwick Seminary, N. Y., brought $605 at an average price of $100.83.

Consigned by Every Bros., Bloomville, N. Y.

King Pontiac Gem De Kol, H. M. Dunham, Marcellus, N. Y., $800.

Sunrise Hengerveld Caroline, Peter Chambers, Walton, N. Y., $810.

9 animals brought $2455 at an average price of $272.78.

Consigned by A. B. Pratt, Harpersville, N. Y.

Nudine Pontiac Pietertje Bawn, by Ira S. Jarvis, Hartwick Seminary, N. Y., $225.

7 animals brought $1080 at an average price of $154.29.

Consigned by John J. Walrath, E. Springfield, N. Y.

Dutch Corner Bessie Korndyke, F. H. White, Richfield Springs, N. Y., $300.

Dutch Corner Bessie Lyons, H. Bernard, Schenevus, N. Y., $510.

Dutch Corner Dot, E. M. Stanton, New Woodstock, N. Y., $260.

Dutch Corner Lilly Korndyke, E. M. Stanton, N. Woodstock, N. Y., $255.

Maggie Arais Maplecroft Paul 3d, C. D. Mickel, Guilford, N. Y., $215.

Maggie Artis Segis, Stevens Bros. Co., Liverpool, N. Y., $215.

13 animals brought $2750 at an average price of $211.54.

Consigned by Lee Kinne, Hartwick Seminary, N. Y.

Pietertje Aaggie Segis, N. E. Goodrich, Owego, N. Y., $275.

10 animals brought $1445 at an average price of $144.50.

Consigned by Otto L. Ives, Guilford, N. Y.

Likely Sir Pietertje Segis, H. B. Weeder, Sidney, N. Y., $210.

Maggie Willowbridge De Kol, Tobey Bros., Gilbertsville, N. Y., $255.

Marion Sir Pietertje Segis 2d, Lewis W. Butterfield, Binghamton, N. Y., $285.

15 animals brought $2575 at an average price of $171.67.

Grand total $23,808
Grand Average $168.85

To Avoid Confusion.

Owing to the use of the terms "Results of Early Breeding" and "Age of Dam," the article in the World of June 19, 1915, might be mistaken for an investigation directed to the same thing as my own. That would be a misapprehension.

My investigation relates to the results coming from the different amounts of work performed by the animals of several successive generations. No investigation which did not cover the seven dams in the first three generations of each pedigree could be considered as reaching to the same subject matter as my own investigation. With me, "Age of dam" is simply a means for approximating the actual work performed. As bulls do not produce milk, their ages do not measure anything in this line and have no relationship to my investigations.

In my investigations, final results are measured solely by pounds of milk produced. Anything based on pounds of butter fat would be for different subject matter.

I am writing this simply to avoid confusion of ideas, and not in criticism of the article mentioned.

C. L. Redfield.

Chicago, June 21, 1915.

A. R. O. TEST BOOKS

Do you have anything to show for the day by day production of your high record cows?

A business like book for keeping eighty official records in detail. **Price 65c. book, 2 for $1.OO.**

If your cows are profit producers, it will show to best advantage on our heavy manilla daily record milk sheets.

Space for 15 cows..... 50c per doz.
" " 20 " ..... " " "
" " 25 " .....60c " "
" " 30 " ..... " " "
" " 35 " .....75c " "
" " 40 " ..... " " "
" " 45 " .....

We pay Postage.

THE CORSE PRESS

Sandy Creek, N. Y.

FRIESLAND FARM

HERD SIRE

RAG APPLE KORNDYKE BOON, No. 123847

Sire: Rag Apple Korndyke 8th, the $25,000 son of Rag Apple Korndyke and Pontiac Lady Korndyke, 38.03.

Dam: Fairview Korndyke Boon, a 32.17 pound junior four-year-old daughter of Pontiac Korndyke. She sold recently for $4,100 at auction and will probably increase her record when she freshens.

Rag Apple Korndyke Boon's dam and sire's dam average as follows:

Butter, 7 days . . . 35.10 lbs.
Butter, 30 days . . 143.53 lbs.
Per cent of butterfat . . . 4.96

He is as good an individual as his great sire and with his splendid breeding is sure to make good. We expect to keep and test all his daughters. His first two daughters are from a 22-lb. two-yr-old and from Lotta Clyde, the cow that has just produced 709.1 lbs. milk; 31.325 lbs. butter in 7 days.

Have four of his beautiful sons from good A. R. O. cows

B. B. DAVIS, Omaha, Nebr.

200 Bee Building

KING SEGIS PATENT LOCK

Ear Tags, Bull Staffs and Bull Rings

Description and prices of all sent on application, including samples of ear tags. 300,000 of these tags have been sold without adverse criticism. 500 of these Bull Staffs are in use by the best breeders in the business.

Please mention this paper when writing to advertiser

H. A.MOYER, Syracuse, N. Y.

SONS OF HERD SIRE

Uneeda Korndyke Abigail Boy 102287

He is son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb bull, Johanna McKinley Segis, son of King Segis.

Offer No. 1—Bull born in June from a 24½-lb. cow.
Offer No. 2—Bull born in March from a 20-lb. cow.
Also a number of younger cows.

HENRY ANTHES, Jefferson, Wis.

ABRAHAM LINCOLN WISELY SAID: "You can fool some of the people all of the time and all of the people some of the time but you can't fool all of the people all of the time."

You may have been fooled sometime in your choice of stock but you can't be fooled if you buy from the greatest transmitting line of the breed—

The Sadie Vale Concordia blood

Sadie Vale Sir Ormsby 57600. My senior herd sire is the youngest son of Sadie Vale Concordia—the first 30-lb. cow, and the only full brother of Sadie Vale Concordia 4th, 41.06 lb. butter in 7 days, 163.35 lb. in 30 days, highest day's milk 104 lb. Her daughter has just made 38.43 lb. butter in 7 days, 153.14 lb. in 30 days, highest day's milk, 129.5 lb.

This is the only place in the world where you can get your next herd sire containing 50 per cent of the same blood as Sadie Vale Concordia 4th.

I also have some daughters and granddaughters for sale.

JAMES W. FEAR

Maple Grove Stock Farm HOLLAND PATENT, N. Y

DAUGHTERS OF LAKESIDE KING SEGIS ALBAN DE KOL

Records average 20.26 lb. butter in a week, at average age of two years five months twenty-two days.

A fine lot of bulls by same sire and from dams up to 32.65 lb. in a week.

Others of high breeding and quality from other leading families. Also a choice lot of bred heifers. Write your wants.

E. A. POWELL, 904 W. Genesee St., SYRACUSE, N. Y.

Bulls Calves With 44-Lb. Backing

Sons of Spring Farm Butter Boy whose dam, Tweede DeKol Lass, (34.39 lb., average per cent fat 5.10) is also dam of the only 44-lb. cow, K. P. Pontiac Lass, the cow that holds every world's record from 7 to 100 days.

Dams are all high testing A. R. O. cows. These calves are splendid individuals, vigorous and well grown.

Pedigree and prices on application.

C. W. Hewitt & Son, Gouverneur, St. Lawrence Co., N. Y.

KING MASSASOIT

My name must become familiar as I am surely going to make my mark in this world. Look at my ancestry. Greatest in everything that makes a Holstein. If you can't come and see me write for my pedigree to either of my homes in Pennsylvania.

G. SMITH & SONS, Seelyville, Crystal Spring Farm

T. B. CLARK Honesdale, Knob Hill Farm

Annual Meeting of Chester County, Pa. H.-F. Breeders' Association.

Ffty members of the Chester County H.-F. Breeders' Association gathered at the hospitable home of Mr. J. M. McCamant at Westtown, Pa., at the annual election meeting on Saturday, June 12.

Dr. J. C. Scott, Supt. of the Epileptic Colony Farms, and Vice-President of the Association, called the business session to order at eleven a. m.

The most interesting feature of this session was the report of the result of the competition for the Association's Advanced Registry Cup and the awarding of the same to Mr. Charles J. Garret, West Chester, Pa., for the record made by Daisy Korndyke De Kol Burke, 192604, at 2 yr 10 mo. 12 da., 461.3 lb. milk, 20.128 lb. butter; excess fat over requirement for age, 7.533 lb.

Second place was taken by the heifer, Twin Brook Lass, 207812, owned by W. B. Devaney, Berwyn, Pa. Record at 1 yr. 10 mo. 14 da., 408.8 lb. milk, 18.152 lb. butter; excess fat over requirement for age, 7.482 lb.

Third place was taken by another heifer, Duchess Clothilde Ormsby, 213577, owned by J. M. McCamant, Westtown, Pa. Record at 2 yr 18 days, 314 lb. milk, 16.86 lb. butter; excess fat over requirement, 6.21 lb.

The record for milk production was taken by the junior 3-yr-old, Homestead Duchess Gelsche, owned by C. H. G. Sweigart, Avondale, Pa., who produced 503.5 lb. in seven days.

Forty-one cows owned by seven members were in the competition and it was enthusiastically voted to offer an additional cup of milk production.

Mr. W. B. Devaney, one of the association's delegates to the National Association at Syracuse, reported on this meeting and brought the good news that the Chester County Fair had been added to list receiving cups from the National Association.

Mr. Wm. P. Moore, Chatham, Pa.; Wm. B. Rhoads, Westtown, Pa., and Wm. Jones, Philadelphia, were elected to membership and the following officers chosen for the ensuing year—President, Wm. B. Wickersham; vice presidents, Dr. J. C. Scott and W. B. Devaney; secretary, Philip M. Hicks; treasurer, John H. Hicks; members of the executive committee, C. H. S. Sweigart and Charles J. Garrett.

The noon hour was very pleasantly spent in enjoying a delightful repast provided by the host and in admiring his splendid herd which were grazing in the most luxuriant pasture nearby.

The two herd sires, Sir Wayne Pontiac Korndyke and King Korndyke Sadie Vale 6th, were also out for inspection, the latter being an exceptionally handsome yearling weighing 1700 lb.

For the afternoon session the Association was fortunate in having for its guest Mr. Irving M. Avery of Auray Farms, Sparta, New Jersey, who talked upon the development of the Holstein-Friesian cow. Beginning with the selection of the sire for the calf and the treatment of the dam during pregnancy, Mr. Avery sketched the ideal life history of the pure-bred cow from conception to the eventual 30-lb. record, illustrating his points by examples from the experience that has made the Auray Farms one of the foremost breeding establishments in the Holstein world.

The meeting in closing extended a rising vote of thanks to the speaker and the host of the day and adjourned to meet in August, at the call of the executive committee.

Philip M. Hicks,
Secretary.

Earl Snyder, West Danby, N. Y., reports the following records—

Sientje Abbekerk De Kol, 4 yr.,	19.47
Crown Jewel De Kol 2d, 3½ yr.,	14.21
Melanie Beryl Wayne 2d (269 days after calving)	13.05
Tidy Bernice De Kol, 4½ yr., 243 days after calving—¾ udder)	11.95
Sientje De Kol 2d, 2½ yr., (161 days after calving)	11.53
Molly Abbekerk De Kol, 2½ yr., (272 days after calving)	9.82

The heifer, Crown Jewel De Kol 2d, would have won first prize for the year just closed if her record had been reported in time. She is due to freshen again in three months.

A. W. Morris & Sons Corporation, Woodland, Cal., report the following new records for Tilly Alcartra. "Tilly has increased her record to the following:

Butter 7 days	32.22
Milk	783.00
Butter 30 days	126.67
Milk	3201.80
Milk 1 day	114.30

Her best seven days came almost sixty days after calving. She is running ahead of last year. However, we hardly expect to run her semi-officially this year."

HOLSTEINS—One herd bull, two nearest dams, averaging 25.05 pounds. Five registered yearling Holstein bulls, two cows, bull calves from sire, whose two nearest dams average 34.45 pounds butter in seven days. Oldest Holstein herd in Indiana. W. C. Jackson, 719 Rex. St., South Bend, Indiana.

Two well bred bulls for sale, born in November, 1914. One from 25-lb. 3-yr-old; one from 22-lb. 2-yr-old. Prices right.

S. M. Strickland, Carthage, N. Y.

BULL CALVES FOR SALE

No. 1—Born Aug. 17, 1914, mostly white. Sire, a son of King of the Pontiacs. Dam, Beauty Paul Pietertje 18.25.

No. 2—Born Sept. 9, 1914, nicely marked. Sire, a son of King Pontiac Calypso, the best son of King of the Pontiacs. Dam, Queen of Fort Hill Clothilde 2d Lass 16.68. Prices reasonable.

E. A. Martin DeWitt, N. Y.

KING COLANTHA CLOTHILDE 3d

98849

Heads our herd. His six nearest dams, including one 3-yr-old, average 30.58 lb. His sire, King Colantha Clothilde, was by Colantha Johanna Lad, the great son of the first 35-lb. cow, and from Abby Hartog Clothilde, the only 31-lb. cow having a 30-lb. 4-yr-old daughter that has a 30-lb. 3-yr-old daughter. The dam was from Mary Walker Pietertje (31.81 lb.), the only 31-lb. cow having a dam with 32.9 lb., and a daughter with over 31 lb. The dam's sire is Beauty Pietertje Butter King, son of Beauty Pietertje (30.51 lb.), who has a 30-lb. daughter with a 30-lb. daughter, and Clothilde Goudgeld Hugo, who has two 30-lb. daughters, each with a 30-lb. daughter and granddaughter.

We can offer sons of King Colantha Clothilde 3d, out of the following dams—Two are granddaughters of King of the Pontiacs; one a daughter of Korndyke Abbekerk; one a granddaughter of Admiral Walker Pietertje, and one a granddaughter of Beauty Pietertje Butter King. These calves are good individuals, and will be sold for reasonable prices.

FLOCK BREWING CO.
Williamsport, Pa.

CALVES

Sons of King of the Pontiacs 15th No. 87504 are arriving every few days Place your order for one. Price from $25.00 up.

H. PERKINS & SON, Red Creek, N. Y.

FOR SALE

15 HEAD Surplus Cows and Heifers. One or all. 11 Head in milk. All in S. O. Test. Older cows have S. O. Records.

Also, on account of being crippled, and having more or less trouble in keeping satisfactory help, I will sell our Real Estate Holding here at edge of Springfield. Large Grounds, Well Located, Large House, Good 30 Cow Barn. Pavement. Electricity, Sewerage, Gas, Running Water, Street Car, and Motor Service to heart of city every few minutes. All City conveniences.

Established business. Sell milk only, 5 cts. and 6 cts. per pound. Would let enough Holsteins go with Real Estate to make price of $15,000 to $18,000. Property clear of incumbrance. Two men of right kind can clear $1,000 per year.

KANSAS CITY FARM
1320 W. Governor St. Springfield, Ill.

FRONTIER HERD

Something Good in Bulls for a Little Money

These bulls are all sired by my herd bull Witkop De Kol Korndyke Wayne, sire of 28 A. R. O. daughters. He is by Belle Korndyke Beryl Wayne, sire of 47 A. R. O. daughters. His dam is De Kol Witkop Wayne 2d, 28.87 lb. of butter in 7 days. Her milk averaged 4.77 per cent butter fat.

No. 1—Born Feb. 21, 1915. Dam made 433.7 lb. milk, 23 lb. butter in 7 days; her milk averaged 4.24 per cent butter fat. Dam and sire's dam of calf average 495.1 lb. milk, 25.93 lb. butter in 7 days and their milk averaged 4.5 per cent butter fat. Price $100.

No. 2—Born Jan. 18, 1915. Dam made 390.2 lb. milk and 18.98 lb. butter in 7 days. Milk averaged 4.05 per cent butter fat. Dam and sire's dam of calf average 437.3 lb. milk, 23.92 lb. in 7 days. Their milk averaged 4.41 per cent butter fat. Price $75.

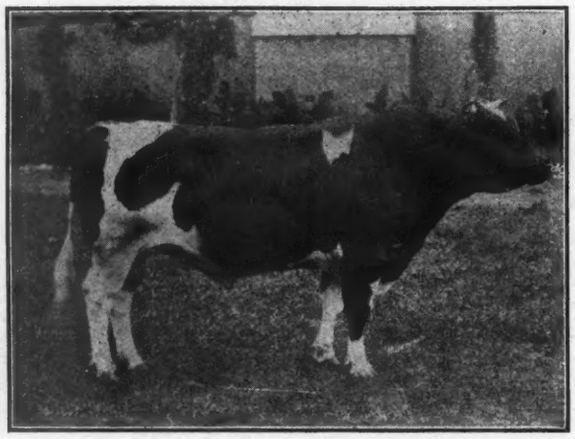
No. 3.—Born March 9, 1915. Dam made 420.5 lb. milk and 18.62 lb. butter as a 4-yr-old. Dam and sire's dam of calf averaged 452.5 lb. milk and 23.75 lb. butter in 7 days; their milk averaged 4.15 per cent butter fat. Calf is four-fifths white. Price $50.

St. Lawrence County has never had, to my knowledge, any foot and mouth disease. Good clean territory in which to buy stock.

Frank W. Ames, Morristown, St. Lawrence, Co., N. Y.

Breeding for Production and Individuality?

If This is Your Standard You Will Be Interested in



De Kol Paul Cornucopia King 71071

Who now has 9 A. R. O. daughters that average over 15 lb. butter at an average age of 24 months. They are a milky lot, and are winners in the show ring. "Paul" was twice a first prize winner (once Junior Champion) at New York State Fair, and has been a consistent winner at Minnesota also. He is the best son of the wonderful sire and show bull, Aaggie Cornucopia Johanna Lad Jr. He is a full brother to the World's Champion two and three-year-old milk producer De Kol Paul Cornucopia. Offered at a great bargain and for no fault. Write for details.

GRAHAMHOLM HERD

W. J. BOYNTON, Mgr. Rochester, Minn.

WATER IN THE STABLE A NECESSITY...

THE "BUCKLEY" Device

for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.

POUGHKEEPSIE FOUNDRY & MACHINE CO.
Poughkeepsie, N. Y.

BOND CENTURY FARM
Canastota, N. Y.
Grandsons of King of the Pontiac.
From A. R. O. dams for sale.
Address
W. E. Bond, Potsdam, N. Y.
Or call at the farm, W. A. Hotchkiss, Manager.

Remember me as a Breeder

but nothing for sale

at present

HOBART W. FAY, Mason, Mich.

MARBLE VALLEY STOCK FARM

Offers bull calf born Feb. 2. Sire: Fairview Korndyke Lad, son of Pontiac Korndyke and Pontiac Pet 37.68 lb.

Dam: a 22.90-lb. cow that has a 25.77-lb. dam that has a junior 3-yr-old with 27 lb. Calf's dam, grandam, sire's dam and three of her sisters average 32.96 lb. each.

Calf is evenly marked; a dandy and guaranteed to please. Price $250.

ROBERT F. MEAD WEST RUTLAND, VT.

Son of 28-lb. Cow that is a daughter of Pietertje Hengerveld's Count De Kol. She gave a lot of milk, is a faultless individual, and has a 25-lb. daughter. Sire of calf was by Colantha Johanna Lad, and from a 31-lb. daughter of a 30-lb. cow. Calf was born Jan. 1, 1915, and is a beauty. Investigation means a sale. The Wallace Holstein Co., R. E. Buell, Mgr., Wallingford, Conn.

Bed With Baled Shavings

and avoid contagion of Foot and Mouth disease. Best absorbent. Cheaper than straw. Prices now lower and shipments more prompt.

Oscar Smith & Son ALBANY, N.Y.
Eastern States,) New England Baled Shavings Co.
ALBANY, N.Y.

CHEAP

Write for Price Delivered

SANITARY

KEYSTONE FARMS

First check for $125.00 takes son of Keystone Clio Beauty A. R. O. 18.19 lb. butter 7 days and 60 lb. milk one day at two years, who is sister to Keystone Beauty Plum Johanna, the world's record three-year-old in eight months' division. This calf is light in color, born April 18 and is sired by Segis Hengerveld Beets Lyons, my junior sire, with average of 32.89 lb. No foot-and-mouth disease in this county.

C. A. Pratt LeRaysville, Pa.

VANDERKAMP FARMS

OUR SENIOR HERD SIRE HAS MADE GOOD

WITH ALL OF HIS FIRST DAUGHTERS (8 IN NUMBER) AV: A. R. O. 17 LBS. IN 7 DAYS AT 2 YEARS, 2 MONTHS OF AG

HE IS

SIRE, KING SEGIS
84 DAUGHTERS
7 over 30 lb.
65 sons with 561
A. R. O. Daughters

Judge Segis

DAM, GYPSY HENGERVELD
3 yr. 29.24
DAUGHTER OF JUDGE
HENGERVELD DE KOL

WE HAVE 3 SONS FROM 27 to 29 lb. 3 & 4 YR. OLD HALF-SISTERS OF OUR 4-YEAR-OLD HEIFER WITH A. R. O. RECORD MADE APRIL 22, 1915 OF

34.293 Butter; 754.3 Milk 7 Days

WRITE US FOR PEDIGREES AND PARTICULARS OF THESE CALVES WE WILL EXCHANGE FOR WELL BRED HEIFERS

F. C. SOULE & SONS, SYRACUSE, N. Y.

Stop Worrying Along

Why let petty details clutter your desk and befuddle your brain. Not every one can remember accurate details and fewer yet can afford the time necessary to perfect this valuable trait.

Install our Handy Herd Register and NEW IMPROVED ENVELOPES for the keeping of certificates. You can then stop worrying.

The Handy Herd Register is the best thing of its kind providing for all records required to be kept by the H.-F. association and the envelope gives an absolute complete record of all papers pertaining to the animal, something that is provided for on no other envelope.

These are not expensive items, liabilities, but valuable assets to a successful breeding establishment.

Order today.

LIVERPOOL SALE AND PEDIGREE CO., Inc.
LIVERPOOL, N. Y.

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. Munro **Camillus, N. Y.**

Grandsons

Pontiac Korndyke

At Bargain Prices

From A. R. O. dams 19-lb. 2-yr.-olds to 27-lb. Cows.

Must be sold to make room.

Write us before buying.

Peaceful Valley Farm
Oxford Depot
Orange County, N. Y.

TWIN BROOK HERD

OFFERS

TWIN BROOK VEEMAN KING

No. 144469 born August 28, 1914, more black than white. Sire—King Korndyke Reba Veeman, No. 116541, whose three nearest dams average 35.27 lbs. of butter in 7 days. Dam—Twin Brook Segis DeKol No. 138919, one of the good A. R. O. daughters of King Segis, Jr., No. 45001.

Write for price and pedigree.

W. B. DEVANEY, BERWYN, PA.

MORE BULLS THAN MONEY

Say Mister, do you want a bull for a little money? If so, write me and see how little it will take to buy one out of a 30-lb. sire of King Segis and old Prilly breeding from dams of above 20 lb. bred in good lines. Ages 2 to 8 months.

Photo, breeding and price on application to:

H. T. Fuller, Peru, N. Y., R. 2.

The Asylum Herd

"WHERE THE CHAMPIONS COME FROM"

Offer Bull Calves sired by sons of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland, or Admiral Walker Pietertje. Do you want a Pontiac in your herd?

Pontiac State Hospital Pontiac, Mich.

Heifer Calf For Sale—Sire, Pontiac Triumph Cornucopia 49270, who was by Pontiac Cornucopia, and from a 26-lb. daughter of Hengerveld DeKol. His first daughters to freshen are milking over 50 lb. per day as 2-yr-olds. Dam, a 14.2-lb. 3-yr-old granddaughter of Betta Lyons Netherland (34.71 lb.) whose dam is also a 34-lb. cow. Calf was born Jan. 23, 1915 and is a nice one. Write for pedigree and price. H. C. Stanton, Burn Brae, Clifton Heights, Pa.

RODGERDALE HOLSTEINS

FOR SALE—Bull calf born March 3, 1915. Sired by Sir Johanna Lady Korndyke 84720. Dam, Johanna Korndyke Pride No. 219482: milk 382.7 lb. Butter 14.73 lb. A. R. O. at 2 yr 5 days old. Calf evenly marked, straight and right every way. For price address:

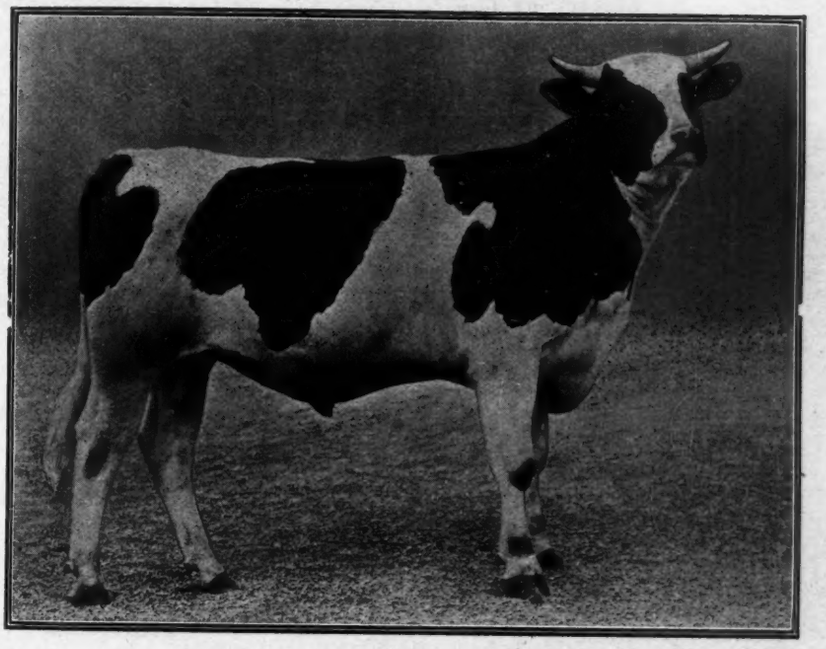
M. J. Rodger, Hammond, N. Y.

BULL BORN MARCH 1ST 1915

Beautifully marked, fine straight individual. Dam, Pauline Aaggie Grace No. 97472, A. R. O. 28.30 butter 7 days, 768 for year. Sire, Canary Jessie Fobes No. 82958. His 2 dams average 30.19 butter 7 days.

S. H. BIRD

So. Byron **Wisconsin**



MY FIRST APPEARANCE IN COMPANY

MY NAME IS KING JOH. No. 143460.

I am engaged to the daughters of King Lyons at Moyerdale.

My sire is King Segis Pontiac Alcartra No. 76602, the $50,000 bull a grandson of King Segis.

My dam is a 33-lb. daughter of Johanna McKinley Segis, the $25,000 son of King Segis, and Johanna De Kol Van Beers, the 40-lb. $7,000 cow with butter records as follows:

Butter 7 days	40.07 lb.	Butter 30 days	151.39 lb.
Butter 60 days	288.45 lb.	Butter 90 days	416.71 lb.
Butter 120 days	541.35 lb.		

King Joh. retains the King Segis quality.

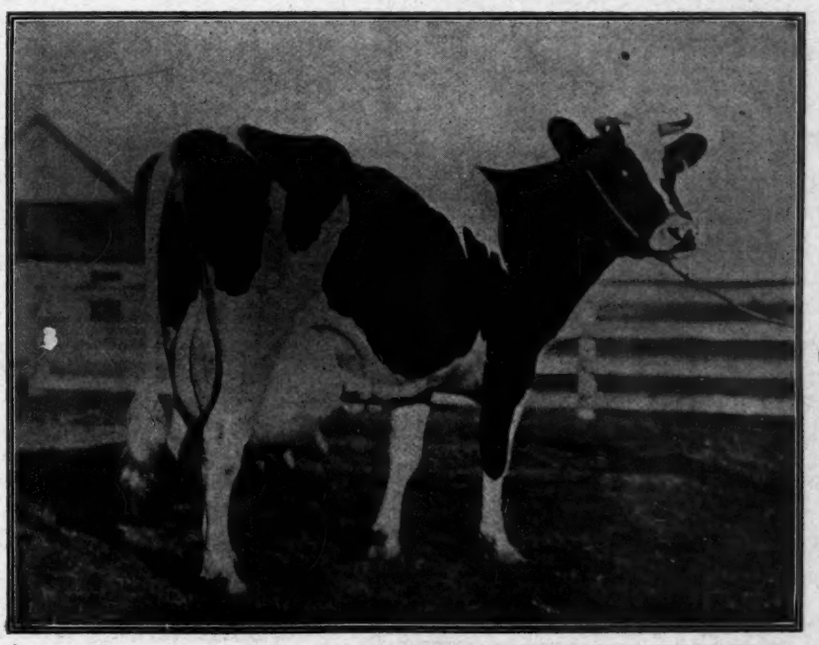
He is a beautiful individual, with all of the dairy qualities we like.

He weighed 1200 lbs. at 12 months old.

His sire has 5 20-lb. two-year-old daughters at 4 years of age.

Owned at Moyerdale by

H. A. MOYER **WM. SIMPSON, Supt.**



Uneeda Korndyke Abigail No. 119465.

The dam of King Joh. No. 143460.

Butter 7 days	33.02 lb.	Butter 30 days	123.99 lb.
Milk 7 days	637.70 lb.	Milk 30 days	2496.20 lb.
Av. Fat 7 days	4.14 lb.	Av. Fat 30 days	3.97 lb.

The only 30-lb. cow of the breed with a 40-lb. sire.

Sire Johanna McKinley Segis No. 44367, the $25,000 bull, a son of King Segis and Johanna De Kol Van Beers the $7,000 cow.

She is a sister of the bull, Wasse Korndyke Segis No. 60125, who is the sire of Molly Johanna Korndyke No. 184885, the first and only world record 30-lb. two-year-old of the black and white breed.

She is a beautiful individual, with all of the King Segis qualities we like.

Owned by John Arfmann, Middletown, N. Y.

Breeder's Bulletin

PUBLIC SALE CALENDAR

July 22—Allentown, Pa., Benninger's Third Consignment Sale; 100 head.

Oct. 1, 1915—Randolph, N. Y., Southwestern, N. Y Breeders' 2d Annual.

June 8-9, 1916—Detroit, Mich., Western Breeders' Consignment Sale Co.

Oliver Cabana, Jr., Elma Center, N. Y., writes: The five year old cow, K. P. Diona Pietertje, which we purchased at the Whitney Dispersion Sale at Ilion, N. Y., recently has arrived at the farm and we consider her one of the most promising individuals at Pine Grove.

Besides being a fine individual daughter of King of the Pontiacs, she is also a daughter of the second highest record cow at Pine Grove, namely, Diona Koningen Pietertje 37.44, the second highest priced cow ever sold in the auction ring.

K. P. Diona Pietertje, while having a three year old record of only 21.79, is a splendid type of an animal and also she will easily carry between 300 and 400 pounds more of flesh and we expect will be able to easily get in the thirty-pound class at next freshening, and many of the prominent Holstein breeders seem to think likewise, because they made us pay $2550.00 for her at auction.

She will be bred immediately to Rag Apple Korndyke 8th, and of course, retained permanently in our herd.

James Phelan, Forestville, N. Y., writes: I wish to call your attention to an error in your report of the prize winners published in the June 19th issue. You gave to H. R. Weiskopf, of Cleveland, whose winnings were $162, 12th place.

According to Supt. Gardner's report my winnings were $170.50 which would give Mr. Weiskopf 13th place and Mr. Arfmann and J. A. Stanton & Son would be tied for 14th place.

I might mention that all of the prize winners in my herd were daughters of Dutchland Colantha Sir Inka, whose daughters won the most money, also that six cows in my herd were debarred from prizes.

The Phelandale herd is composed of about 22 to 26 milch cows, some of them are good ones.

FAYETTE DAIRY
OFFERS SOME GOOD BULLS

Two ready for service sired by King Hengerveld Segis whose dam is a 30-lb daughter of King Segis and whose sire is a son of Hengerveld De Kol. The dams of these bulls are great dairy cows having good A. R. O. records. Also a number of KORNDYKE bred bulls ranging in age from two months to one year. These bulls are good individuals.

D. H. Yaukey, Fayetteville, Pa.

Ready for Service Now

Albia Abbekerk DeKol No. 116537, sired by Briar Abbekerk De Kol whose dam and sire's dam average 29.73 lbs. in 7 days. Dam of this young sire is Bryonia Albia De Kol No. 91368. Evenly marked. Write

C. E. WARD Palmyra, Wis.

Son of Pietertje Hengerveld Segis

The famous 33-lb. son of King Segis, from the best daughter of Pietertje Hengerveld's Count De Kol and Blanche Lyons.

The dam

Maple Ridge Ormsby 103576, (24.09lb.) who was by a 23-lb. son of Duchess Ormsby Butter King, and from a 27-lb. daughter of a 27-lb. cow. The **grandam** has a semi-official year's record of **1100.3 lb.** butter, **28,436.10 lb.** milk.

This young bull was born April 14, 1914, is about evenly marked a splendid individual, and with a pedigree difficult to improve upon Write for complete information.

H. C. SWARTOUT, Terracelawn Farms
Hartwick Seminary, N. Y.

BULLS SLAUGHTERED

In price only. From $35 up

Write us **MAPLE FARM, Middleville, N. Y**

Yearling Show Bull---Ready for Service

Dam a 21-lb. cow and a first prize winner.

Sire—De Kol Paul Cornucopia King, the best son of Aaggie Cornucopia King, the best son of Aaggie Cornucopia Johanna Lad Jr., and a full brother to World's Champion 2½ and 3½ -yr.-old milk producer.

Breed the kind the public is demanding—good individuals, with plenty of milk production.

D. W. WRIGHT

LAKE VIEW FARM **CAMBRIDGE, N. Y**

HOMEWOOD FARMS

RYE, NEW YORK

The 2-year-old bull we offered recently has been sold.

We now offer the following young bulls
Ready for Service.

1. Born Sept. 28, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Gretchen Hengerveld Pietertje, No. 79405.
2. Born Oct. 13, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Netherland Nemesis De Kol 2d Lass No. 129936.
3. Born Dec. 22, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Blanche of Stony Ridge, No. 154569
4. Born Nov. 1, 1913.
   Sire—Dummerston 36, No. 105043.
   Dam—Londonderry Allons Lyons, No. 131426.

These bulls are all well bred and splendid individuals. We hope to give their dams records in the near future.

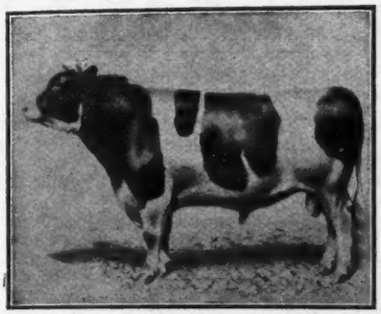
The dam of Prince Ormsby Beets, **Manor De Kol Lady Burke 3d, No. 79931,** has an A. R. O. record of24.81 lbs. He is by **Paul Beets Colantha, No. 48269,** who has 12 A. R. O. daughters, one with a 30-lb. four-year-old record.

Dummerston 36 is by the great **Admiral Walker Gelsche, No. 44227.** His dam is a three-quarter sister of the dam of the World s record cow.

Admiral Walker Gelsche, is our Senior Herd Sire.

Herd regularly tested for tuberculosis.

Richard T.Wainwright, Rye, New York



New York, Wisconsin and Illinois State Fairs

Iowa Dairy Cattle Congress

National Dairy Show

A Sweeping Record for 1914 at the World's Greatest Holstein Shows.

Out of 81 **Grand Championships** in the seasons of 1913-14 we win 17. Our **Exhibitors Herd** and **Dairy Herd** were never beaten. In fact we were winners in every class we entered. The verdict is they must be **WORLD BEATERS.**

King Segis Pontiac and Johanna McKinley Segis

head our herds and it's time you were looking for a future herd sire bred from the most

Fashionable Breeding, Largest Records, Best Individuals

Sons of the above sires from

A 29.71 lb. daughter of Korndyke Queen De Kol Prince.
A 25.72 " " De Kol 2d Butter Boy 3d.
A 25.61 " " Paul Beets De Kol.
A 25.39 " " Woodcrest Hengerveld De Kol at 4 yr.
A 25.49 " " Sir Lilith Posch at 4 yr.
A 24.17 " " Hengerveld De Kol at 4 yr.

Several others from good record dams of the very best breeding.

For pedigrees, descriptions and prices write us what you want

R. E. HAEGER, Algonquin, Ill.

Ready for service

A son of King of the Pontiacs.
Dam a 24-lb. 3-yr.-old daughter of King Segis Pontiac.

Two sons of Oakland Paul Beets Burke. Dam of one a 24-lb. 3-yr. daughter of Hengerveld De Kol. Dam of one is Aconeth Lady, the Grand Championship winner.

Son of Woodcrest Hengerveld De Kol. Dam a 26.6 lb. 3-yr. daughter of Paul Calamo Korndyke, the World's Greatest Winner This calf was 1st at New York State Fair

King Pontiac Alcartra Johanna

A son of the **$50,000** bull, King Segis Pontiac Alcartra, from the wonderful 34-lb. cow, Manor Johanna Pietertje Lady

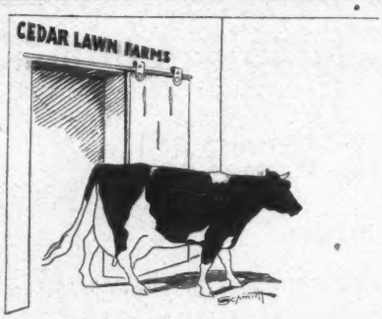
who comes of 40-lb. breeding on both sides and is backed for generations by A. R. O. record ancestry. The records of his dam and the three nearest dams of his sire average, **butter 7 days—33.43.**

If you want to share in the most popular breeding of today breed a few cows to King Pontiac Alcartra Johanna.

Service fee to insure approved cows only $100.00 Send for pedigree.

D. D. DECKER & SON

Picnic Grove Dairy **South Dayton, N. Y.**



CEDAR LAWN FARMS

We have now decided to offer for sale our two-year-old bull, Sir Johanna De Kol 39th, who has 75 per cent of the blood of Sir Johanna De Kol, the sire of Johanna De Kol Van Beers. This bull's dam, Cedar Lawn De Kol Johanna 2d made 30.67 lbs. butter in 7 days, 121.4 lbs. in 30 days at 4 years and was sired by a full brother to the sire of Pietertje Maid Ormsby. Her dam Cedar Lawn De Kol Johanna made 25.8 lbs. butter in 7 days at 2 years, 2 months and 707 pounds butter in 1 year at same age. Also a number of yearling and bull calves out of daughters and granddaughters of Sir Johanna De Kol, for sale.

C. A. SCHROEDER & SONS, West Bend, Wis.

C. A. SCHROEDER W. C. SCHROEDER H. F. SCHROEDER

HEART'S DELIGHT FARM

WE ARE OFFERING A FEW YOUNG

HOLSTEIN BULLS

Write for descriptions and prices

W. H. MINER CHAZY NEW YORK

BEACH & WIRT
BATTLE CREEK
MICH.

BEACH SEGIS PONTIAC, whose sire is KING SEGIS PONTIAC

A young sire backed by the following combination of records:

His sire's dam	37.21-lbs. butter, 7 days	Average for 6 nearest dams, 28.78-lbs. butter, 7 days
His dam's sire's dam,	33.31-lbs. butter, 7 days	Average for 8 nearest dams, 27.71-lbs. butter, 7 days
His own dam at 4 years,	28.39-lbs. butter, 7 days	Average for 10 nearest dams, 27.55-lbs. butter, 7 days
Average for the three,	32.97-lbs. butter, 7 days	Average for 12 nearest dams, 26.47 lbs. butter, 7 days
Average for 2 nearest dams,	32.80.lbs. butter, 7 days	Average for 14 nearest dams, 25.51-lbs. butter, 7 days
Average for 4 nearest dams,	29.07-lbs. butter, 7 days	

We will breed a few approved cows for $100 to insure a living calf, or $75 payable at the time of service with the privilege of the season.

We will breed a limited number of cows on shares. Write for our proposition.

Evolution of the Automobile is the wonder of the Twentieth Century

Evolution of the full blood strains leading up to Johanna King Segis No. 71964 is the greatest wonder of the century in Holstein history. He, his two brothers and mother sold for $56,150. You up-to-date breeders, consider this wonderful Johanna strain. Wouldn't this line of 40 pound breeding help your herd?

A call at our farms and a look at this sire and his offspring will be a revelation and if you appreciate breeding and individuality you will take some of them home with you.

Service fee for Johanna King Segis $250.

Oak Grove and Twin Pine Stock Farms

HOUSLET & McNUTT OXFORD, WIS.

Address all correspondence to N. Houslet, Oxford, Wis.

A BULLY BUNCH

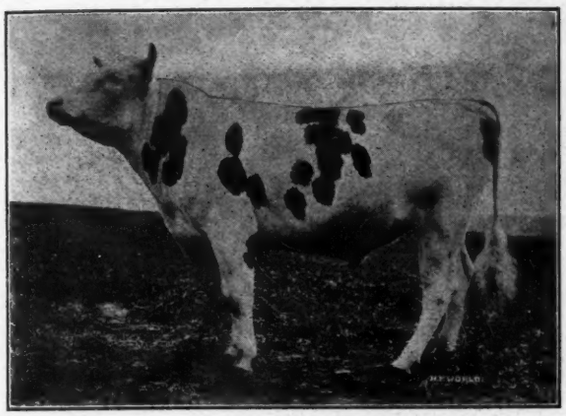
1 four-year-old grandson of Pontiac Butter Boy, out of a 27-lb. dam.
1 three-year-old **grandson of Pontiac Korndyke,** out of a 31-lb. dam.
8 bulls ready for service.
10 bull calves, from two weeks to eight months old,
2 two-year-old heifers due to freshen in the spring.
Let me sell you your next bull, **won't you? Yes.** Thank you, and I will expect to hear from you or see you soon. Don't wait until you need him, for the one you want may be gone then.

L. E. CONNELL, FAYETTE, OHIO

Michigan to the Front—With a Champion 40 lb. Sire

THE ONLY BULL IN THE WORLD FROM A 40 LB. Jr. 4-yr.-old

In Individuality—In Breeding—In Records—Unexcelled by Any—Anywhere



King Segis Champion Mobel 122906

SON OF THE

WORLD'S CHAMPION JR. 4-YR.-OLD

Mable Segis Korndyke 161784

With the following record:

Butter 1 day	6.488
Butter 7 days	40.36
Butter 30 days	169.37

But one other cow of any age or breed has ever made so much butter in 30 days as this heifer. She produced

Milk in 1 day	100.06
" " 7 days	610.4
" " 30 days	2664.4

Average two nearest dams:

Butter 7 days	38.35
" 30 days	152.19
Milk 7 days	615.25
" 30 days	2589.93

Average four dams, first three generations:

Butter 7 days	37.78
" 30 days	148.69
Milk 7 days	639.7
" 30 days	2598.20

This heifer made for four consecutive periods of 7 days each an average of 39.48 butter for each seven days.

Not only as the son of the World's Champion Jr., 4-yr.-old does this young bull appeal to the Holstein world, but his individuality is the best, and his breeding is surpassed by none.

Approved cows only accepted for service. Send card for terms and pedigree

REED & KNOWLES

FAIRLAWN FARM **HOWELL, MICHIGAN**

COOLEY FARMS

OWNED BY

THE CITY OF CLEVELAND

Home of the Junior 2-yr-old Champion of the World

Address all correspondence to JAMES A. REYNOLDS, Supt. Warrensville, Ohio

NOTHING FOR SALE THIS WEEK

OUR HERD SIRES

KING PONTIAC JEWEL 85783

(6 years old)

By King of the Pontiacs and out of a 25.65-lb. 3-yr-old daughter of Pontiac Korndyke, second dam a 30.72-lb. daughter of Hengerveld De Kol. His 13 A. R. O. daughters average 3.78 per cent butter fat and include:

Locust Grove Jewel ...3½ y 23.13
Locust Grove Lillian Jewel .....3 y 22.39
Clothilde Jewel Pontiac ...3 y 21.28
Pauline Pontiac Jewel ...2 y 21.03

PIETERTJE HENGERVELD SEGIS 44781
(8 years old)
By King Segis and out of Blanche Lyons De Kol 33.31 lb. daughter of Piet. Hengerveld's Count De Kol and Blanche Lyons, who has 4 30-lb. daughters. His 42 A. R O. daughters include:

4 4-yr-olds that average 27.01 lb. each
5 3-yr-olds that average 26.24 lb. each
11 2-yr-olds that average 21.30 lb. each
and all above 20 lb. each.

FOR SALE—At right prices—choice bull calves, also two fifteen months old, ready for use. Also will offer a few young cows and heifers.

Write, or better, call at the farm.

W. C. Hunt, Fayetteville, N. Y.

Farm right on trolley line, half hour from Syracuse. Bell 'phone. Choice alfalfa hay in ton or car lots.

CHENANGO VALLEY STOCK FARM

BULL CALF
- Queen Milk & Butter Champion No. 74653.
  - Prince Beauty Pietertje Hartog
  - De Kol Queen La Polka 2d
- Rag Apple Lady Korndyke Age 2 yr 0 mo. Butter 16.37
  - Prince Rag Apple Korndyke Son of Old Pontiac Korndyke. He has two daughters who have passed the 20-lb. mark as two-year-olds.
  - Pietertje Netherland Korndyke Daughter of Earl Korndyke De Kol. Butter 24.11 lb. as a 3-yr-old.

WHITMAN A. FOLLETT, North Norwich, N. Y.

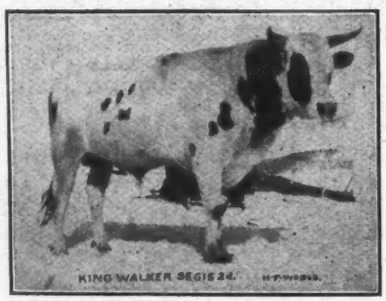
A PROVEN BULL FOR SALE

Johanna De Colantha Champion No. 60574, born March 9, 1909. The average record for his dam and sire's dam is, butter 31.39 in 7 days, 121.31 in 30 days. A 3-yr-old full sister just completed a record of 25.9 in 7 days. 17 A. R. O. daughters, 7 that have finished semi-official yearly records, 5 on yearly test now. He will have 25 or more yearly tested daughters in my herd.

Also bulls of serviceable age out of semi-official yearly record dams.

JOHN ERICKSON R. R. 2. Waupaca, Wis.

KING WALKER SEGIS 2d 102844



Six of Whose Nearest Dams Average Over 30 lbs.

Sire: King Walker Segis.
Dam: Betta Lyons DeKol.
Bulls for sale:

1—Born Nov. 13, 1913; color more white than black. Dam's record 24.93 lb. Price $125.

2—Born Nov. 1913; color 90% white. Dam's record 27.87 lb. butter, 596 lb. milk. Milk one day 94.6 lb. Price $300. Satisfaction guaranteed.

W. H. CANDEE

Green Ridge Farm Waterville, N. Y.

Fred L. Champion, tester in charge, Newton, N. J., writes: Queen among the cows of the Sussex County Cow Testing Association is Woodcrest Houwtje No. 116449, developed and owned by the Allamuchy Farms. She holds the banner in butter-fat production, while her yearly record (parts of two lactation periods and standing dry nearly three months) was 15801 lb. of milk, 558.2 lb. of butter, with average test of 3.53 per cent butter fat. Total cost of feed—$105.28. Profit above cost of feed—$136.22.

She freshened March 14, 1914, and gave in that lactation period of ten months over 19,000 lb. of milk, freshening again Feb. 2, 1915. As a two-year-old she made 15,500 lb. of milk. In Advanced Registry Official work she made, in the 2-year-old class, 18 lb. of butter; as a 3-year-old, 26.17 lb.; best day's milking, 95 lb. As a 5-year-old she made 31.18 lb. of butter from 691.9 lb. of milk. Her highest seven-days' milk production was 702 lb., her highest four consecutive milkings being 109 lb.

Houwtje is the highest tested daughter of Homestead Girl De Kol Sarcastic Lad, who has 107 A. R. O. daughters. Her dam has a record of 24.93 lb. of butter. She was 16 years old when Houwtje was born.

Three of Houwtje's sons are making good in some of the best herds in Sussex County. A son, Allamuchy Houwtje Prilly Hartog, is at the head of Hillcrest Farm Herd, owned by Wm. J. Young and C. M. Young. This herd, which is under the careful management of C. M. Young, won the championship honors of the Association with the average production of 10865 lb. of milk and 393 lb. of butter. Although a grade herd, through selection and breeding of producing families combined with proper care, the records of Hillcrest Farm were achieved.

G. H. Truckell, Sec'y Holstein Sales Co., Elgin, Ill., writes: Among the advertising, etc., we have been getting out for the breeders one special job stands alone and that is a letterhead for E. E. Risley of Walton, N. Y., the proprietor of Hill Pine Herd. Adorning the first page is the picture of Pontiac Pleione, one of the greatest producing cows known in the breed and the dam of the senior herd sire of Hill Pine Herd. The center sheets show the pedigrees of the bulls at the head of Hill Pine Herd, viz: King Pontiac Pleione and King Korndyke Veeman Wayne, two bulls of splendid breeding and high class individuality. The combination of the blood of these two bulls is producing animals that looked to me, when I saw them last spring, as if they would some day, make a little work for Cornell Supervisors and the Superintendent of Advanced Registry. The fourth page of the letterhead shows four direct-descendant females in Hill Pine Herd, animals of good breeding and superb conformation.

It was a pleasure for the writer to work on this job, not only because he has very friendly feelings toward Mr. Risley, but because he is acquainted with the animals pedigreed, with many of the animals that show in the pedigree and also because a high class task is a pleasure in itself and, as Hubbard observed, pride should be shown in craftsmanship.

Lawson Holding Co., La Grangeville, N. Y., write: Among our many recent visitors was Mr. Edwin S. Hooley, owner of "The Dutchess Farms," Stormville, N. Y., accompanied by his superintendent, W. B. Elliott, in search of a young bull as a future herd sire to place at the head of the herd of Holsteins he is collecting as a foundation for another large herd to be established in Dutchess County, N. Y.

As a result of their visit another son of the $50,000.00 bull, King Segis Pontiac Alcartra" goes to head another large herd, he is a calf of splendid individuality and one that we have every confidence in, will make future history for his illustrious sire, "King."

Pietertje Hengerveld Creamelle, the dam of the young bull is a cow of perfect conformation and enormous capacity, and as her name imparts she has in her pedigree the combined blood of the great families of the breed. She has recently made a seven-day record of better than thirty pounds and over one hundred and twenty-four pounds in thirty days, her highest day's milk yield was ninety-eight pounds and seven-tenths. We have every confidence in her ability to far exceed this record at her next freshening.

Mr. Hooley's recent purchase has been much admired by our many visitors, and he is to be congratulated upon securing such a worthy son of his great sire, King Segis Pontiac Alcartra, to head the herd at "The Dutchess Farms."

W. C. Knapp of E. H. Knapp & Son, Fabius, N. Y., writes: You have without doubt heard of the very sudden death, on June 14, of the senior member of E. H. Knapp & Son. We shall, however, make a greater effort than ever before to push the Greenwood Herd into prominence. Of course the quarantine restrictions have filled our stables owing to practically no sales. However, the herd has never been in as fine condition.

C. L. Updike, Seeley Creek, N. Y., writes: It is with regret that we offer the farm and herd advertised in the World two weeks ago. Our herd sire, Maplehurst King Segis Pontiac, was from King Segis Pontiac and from a 28.4-lb. daughter of King of the Pontiacs, the next dam being one of the best daughters of De Kol Burke. We have quite a number of his daughters which should make desirable foundation animals. Our herd includes a number of cows with records above 20 lb. and we have tried to be particular in regard to their individual quality. In public sale our animals have always sold well, our yearlings bringing around $300 each in the Towanda Sale last fall.

The farm buildings are up in good shape and are well equipped. I have owned and worked the farm for thirty-five years and have been breeding Holsteins eighteen years. As we have no sons to come along and take up the work we are going to take things easier from now on. This farm and stock, just as it is, would be a splendid chance for some young man to start and start right.

2--Ready for Service--2

Sired by King Cornucopia Sadie Vale No. 83371. Look at his cut in Jan. 30 issue. His sire is Aaggie Cornucopia Johanna Lad Jr., the greatest prize winner and sire of prize winners of the breed. He now has 37 A. R. O. daughters.

King Cornucopia Sadie Vale's dam is Sadie Vale Pietertje, A. R. O. at 5 years, 73 days after calving, 33.21 lb. butter in 7 days, 136.21 lb. in 30 days, 104 lb. milk in one day, 702 lb. milk in 30 days, 2941.9 lb. in 30 days; in one year 1050.70 lb. butter, 21446.80 lb. milk. She has a 3-yr-old daughter A. R. O. 25.13 lb. butter in 7 days. A ¾ sister made 1041 lb. butter in 30 days, 24190 lb. milk in one year (World's Milk record). King has sister that has just made 28.25 lb. butter in 7 days. She has two daughters that average 29 lb. butter in 7 days.

No. 1—KING CORNUCOPIA DROSKY. Born Feb. 1, 1914; well grown; 2-3 white. His dam and sire's dam average 30.80 lb. butter in 7 days, 112.40 lb. in one day. His dam made 121 lb. milk in one day, 747 lb. in 7 days.

No. 2—KING CORNUCOPIA SADIE. Born Jan. 1, 1914; fully ½ white. His dam and sire's dam average 27.51 lb. butter in 7 days, 113.17 lb. butter in 30 days. Average one day's milk record, 107.50 lb. His dam gave 111 lb. milk in one day.

These two bulls carry 50 per cent of the blood of Aaggie Cornucopia Johanna Lad Jr. They are fully as good individuals at the same age as their sire and grandsire. They are closely related to all the animals whose cuts appeared in the issue of Jan. 30-Feb. 13.

Mr. Breeder—If you like the looks of these animals, get a bull that will breed some like them. If you have sloping animals, get one of these bulls to straighten out the offspring. If you have nice, straight animals, get one of these bulls to keep them straight. They have been bred right for generations. They have been bred for large milk and butter records for gnerations. Their ancestors have won many prizes at the leading fairs of the world. The herd numbers 75 animals; every one straight as a line; all closely related to the cuts in the Jan 30 and Feb. 13 issues. If you want a bull that will give satisfaction, write for tabulated pedigree.

M. S. NYE, Preble, N. Y.

WHITFORD HOMESTEAD HERD

Announces a New Herd Sire

SPRING FARM KING AGATHA 2d No. 135858

SPRING FARM KING AGATHA 2d No. 135858 purchased of Francis M. Jones and offers his service on approved cows for $50 for a living calf. His six near dams average 32.53 lb. With the exception of his own dam, a daughter of Spring Farm King Pontiac, who made 22 lb. as a two-year-old. Every tested dam in his three-generation pedigree has made over 30 lb. He carries 50 per cent. of the blood of the King of the Pontiacs and 50 per cent. of the blood of Tweede White Lady, 37.45. His dam has just finished a semi-official record of 13691 lb. milk, testing 3.55 making 607.85 lb. of butter at 2 yr 9 mo 3 da. old. He is handsomely marked and a faultless individual.

Write for further information.

E. A. WHITFORD - - ADAMS CENTER, N. Y

NORTH STAR HERD

Home of SIR BEETS CORNUCOPIA NETHERLAND 38460
JOHANNA BONHEUR CHAMPION 94984

All our milking females are carried in semi-official yearly test under normal conditions.
Our show ring records have never been duplicated.

INDIVIDUALITY PRODUCTION BREEDING

We have for sale a few bull calves representing this combination. They are winners by right of inheritance.
Inspection is welcomed

W. S. MOSCRIP, Lake Elmo, Minn.

EMBLAGAARD HERD

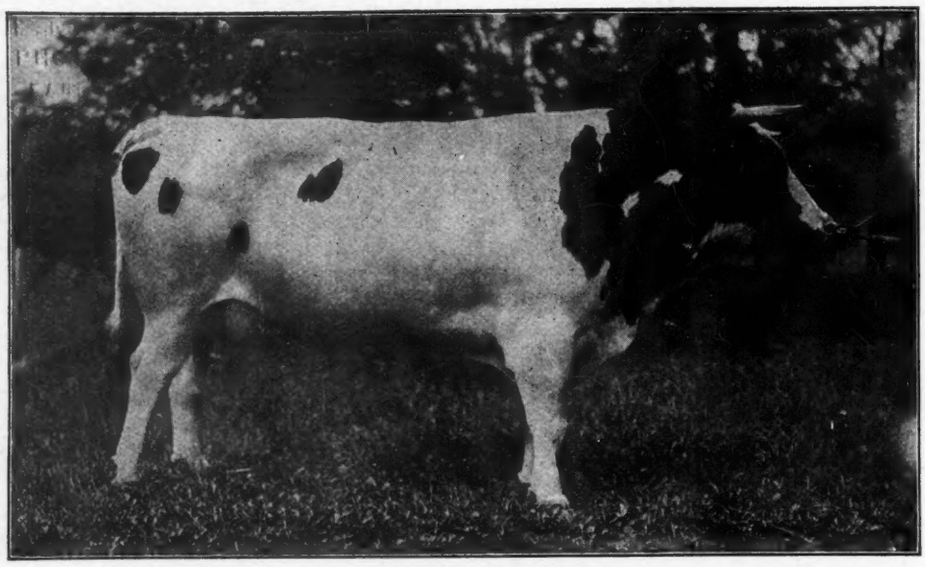
Sires in service:

Colantha Johanna Champion 45674. The proven son of Colantha 4th's Johanna.

Emblagaard Prince 80596. A son of Segis Walker Pietertje, 27.85 lbs. at 3½ years. His sire's dam, Abby Hartog Clothilde, 31.39 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs., are two of the only 30-lb. cows of the breed that have produced 30-lb daughters, that have also produced 30-lb. daughters.

EMBLAGAARD DAIRY BIG BAY, MICHIGAN

A TIDY PICTURE



75 A. R. O. DAUGHTERS

HENRY LATHROP & SONS
Sherburne, N. Y.

STEVENS BROS. COMPANY
Liverpool, N. Y.

King Segis Pontiac Chicago

The bull whose purchase in the June, 1914 Sale for $20,000.00 was the sensation of the year.

His Sire: King Segis Pontiac, who has more sons at the head of good herds than any other sire.

His Dam: Johanna De Kol Van Beers, who produced not only 40 lb. of butter in seven days, but under Official Test produced nearly 10,500 lb. milk and over 540 lb. of butter in 120 consecutive days Official Test, thus producing an average in seventeen consecutive weeks of nearly 32 lb. of butter per week.

His Sire's Dam: Pontiac Clothilde De Kol 2d is not only distinguished for having made three records over 30 lb., but in Official Test produced over 37 lb. of butter in seven days, followed by a year's record of over 25,000 lb. of milk, testing over 4%, making more than 1,000 lb. of butter fat, when she again freshened and produced over 32 lb. butter in seven days.

His Sire's Sire: King Segis, lived only six years, but was the sire of eighty-three A. R. O. daughters, seven over 30 lb. and fifty-eight proven sons.

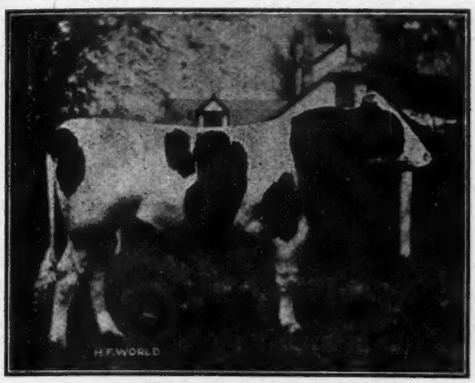
His Dam's Sire: Sir Johanna De Kol, was a brother to Colantha 4th's Johanna, and his dam's dam Netta Netherland Van Beers, was the first cow Officially Tested in the State of Wisconsin which was many years ago, and at the age of twelve years produced over 18 lb., easily the equivalent of 30 lb. to-day.

King Segis Pontiac Chicago, born February 5th, 1914, has extraordinary development and possesses great individual merit.

The Bull of Outstanding Lineage **Outstanding Individuality**
Outstanding Promise

OWNED BY

H. Stillson Hart, Geo. E. Van Hagen, Spencer Otis, Jr.
BARRINGTON, ILL.



King Korndyke Colantha Ormsby

Woodlake & Clover Farms

Will You Consider

HEADING YOUR HERD with a straight, long, well-bodied, handsomely marked, young bull of splendid type and finish?

A son of **King Korndyke Colantha Ormsby No. 96546** who combines in closest relation the world's record cows, Pietertje Maid Ormsby, Colantha 4th's Johanna, Grace Fayne 2d's Homestead, Pontiac Pet and Pontiac Clothilde De Kol 2d, the blood of the highest priced bulls on record.

Or a son of **Sir Korndyke Hengerveld De Kol No. 41266** that would give you type and production of the Hengerveld De Kol, Pontiac Korndyke and Sir Ormsby Hengerveld De Kol combination.

Or a son of **Maplecrest Butter Boy De Kol No. 94156,** who is a seventy-five per cent brother of Banostine Belle De Kol, the greatest dairy producer to date.

Sons of these bulls, fine, strong individuals, from two to sixteen months old, out of Advanced Registry cows of richest breeding, some with records of thirty to thirty-five pounds of butter in 7 days, and of most popular breeding, will give any herd a standing for production, constitution and high individual merit. COME and SEE THEM. Our prices are reasonable.

Two and one-half miles from the Minneapolis City Limits, on Lyndale Ave., South. Irwin Station on the Dan Patch line.

JOHN B. IRWIN - Station F, Minneapolis, Minn.

WHAT ABOUT IT

Are you still hesitating about placing a high class bull at the head of your herd? Every day that you wait you are losing money. Losing money in the grade of calves that you are getting. Losing money in not being able to advertise your herd to the best advantage.

LINE UP WITH THE PROCESSION

Look around you. Note the successful Breeders that have sons or grandsons of KING OF THE PONTIACS as their herd sires. Just now you can buy one of his sons or grandsons for less money than for sometime past or ever again. Get busy! Send for our new "BOOK OF BULLS" with over 70 pedigrees in it. Pick out the bull you want and write us.

STEVENS BROTHERS COMPANY

LIVERPOOL, N. Y.

S. S. S. S. S. S.

When figuring on your Fall Sale think of the Suppliers of

Satisfactory Sale Service

Centrally Located. Well Equipped. Practically Trained.

HOLSTEIN SALES COMPANY

102 West Chicago Street ELGIN, ILL.

S. S. S. S. S. S.

WAUSEONA HERD
Headed by SIR KORNDYKE QUEEN
Sire: PONTIAC KORNDYKE Dam: PONTIAC QUEEN KORNDYKE 31.01
His daughters are making good records.
FOR SALE
WAUSEONA PAUL KORNDYKE No. 139947. Born Apr. 3, 1914.
Sire: Sir Pontiac De Kol Jewel Butter Boy No. 97630.
Dam: Jessie Korndyke Queen. A. R. O. as jr. 3-year-old. Butter 23.85. Milk 471.5 in 7 days. Butter 90.45. Milk 2084.7 in 30 days.
Buy this bull and watch his dam increase her record as she grows older.
BURR BROS. Fulton Co. Wauseon, Ohio.

7 Nearest Dams Average 30.97 lb. 30-lb. Grandson of the $50,000 Bull For Sale

We offer a son of King Veeman Pontiac Hengerveld, he a son of King Segis Pontiac Alcartra and from a 29.14 lb. daughter of Sir Veeman Hengerveld.

Dam—Tobe De Kol Pet 2d Dorothy, **30.13-lb.** butter, 656.8 lb. milk in 7 days; **her dam's record, 29.18 lb. and next dam 29.015 lb.** Calf was born Feb. 26, 1915; is a little over half white and a beautiful individual. Write for photo, pedigree and price. We also offer other sons of our sire from good dams. Write your wants.

J. H. PHELPS & SON, Vernon, N. Y.

The Balsams Stock Farm

BALSAM RHODA SEGIS

A young bull backed up by production. He combines the blood of Sir Korndyke Pontiac Artis, Sir Korndyke Manor De Kol, Hengerveld De Kol, King Segis, Duchess Ormsby, Butter King and Johanna Rue 3d's Lad.

His sire is the son of a 24-lb. three-year cow.

His dam as a four year-old produced on semi-official test 19596.9 lb. milk, 782.7 lb. butter, and produced this calf shortly after finishing the year.

He has a 22-lb. three-year-old sister.

He was born February 20, 1915. He has good conformation, is about half white and is the kind you are looking for.

Write today for price and other information.

HENRY S. HALE, Owner — Dixville Notch, N. H. — P. A. CAMPBELL, Manager

New Subscribers

WE WANT 'EM

In the past year the circulation of the World has more than doubled. We are aiming to double it again, but we need the assistance of every one of our friends for each of you doubtless has at least one neighbor who is getting the Holstein Fever, and simply needs a little more inoculation to complete the job. The World will supply the "bug" which would make him a full-fledged Holstein man, and this is to your advantage even more than ours. But we guarantee you a good return for your effort, whether or not we succeed in creating a new Holstein enthusiast; for we will send you a copy of the latest edition of the Greatest Holstein Picture ever published—showing fifty-four famous Holsteins—the great producers—show cows, sires, and foundation animals of the breed—all ready for framing—in return for each NEW subscription you send us at $1.00 (Canadian $1.50). You will be the gainer in another way also, for if between us we succeed in making a satisfactory growth for our subscription list, we will then be able to give you even greater value than you are now getting in the shape of a Holstein Journal. We are making our plans for the future, but whether or not they ever mature will really depend on you. A sufficient amount of co-operation can accomplish anything under the sun.

KING SEGIS PONTIAC ALCARTRA 79602

is now four years and four months of age and his first six daughters to freshen have all made A. R. O. records for 7 days, an average of better than 20 lbs. Five of them making from 20 to 25.93 lbs. of butter in 7 days, and as high as 102.01 lb. butter in 30 days.

This, everybody will concede, is a remarkable showing and of no less importance to the breed because unusual results were expected from the offspring of this young Sire. His wonderful individuality and combination of breeding and records, he has now proven his ability to transmit these qualities.

The "King" now has over 125 living daughters and about 150 head are safe in calf to him. He has over 50 sons at the head of some of the best herds in this country and Canada.

The demand for his sons is easily equal to the supply for we have only three on hand, and they only a few days old. One of them from better than a 30 lb. cow, the others from good record young cows

The calves are light in color, well marked and nice straight youngsters.

You had better buy one and raise it yourself. They never will be any cheaper than right now.

LAWSON HOLDING CO., Inc.

LA GRANGEVILLE, DUTCHESS CO. NEW YORK

SPRING FARM HERD

OFFERS FOR SALE

King Korndyke Pontiac Lass No. 115585

Born January 28, 1911

A son of the only 44-lb. cow, K. P. Pontiac Lass, who holds all of the World's butter records from 7 to 100 days.

Having a full brother of K. P. Pontiac Lass, nearly ready for service, and owning the $15,000 full brother of King Korndyke Pontiac Lass, I have decided to sell King. He has developed into one of the nicest bulls any one ever saw. His calves are ideal in every respect. He has over 50 daughters already, and a large per cent. of them are out of some of the highest record cows of the breed and are owned where they will have opportunity. His sons sell for long prices and are heading many leading herds.

King will pay for himself in a short time in outside service alone. He is a good server and as sure as a sire could be.

Pedigree, Price and Photo on application.

FRANCIS M. JONES

CLINTON ONEIDA CO. NEW YORK

Ten Sons of Spring Farm King Pontiac 6th

We have ten sons of Spring Farm King Pontiac 6th, from a few weeks to a year old. Below is a list of them, giving the date of birth and their dam. If you are going to want a son of Spring Farm King Pontiac 6th, within the next year, let us know which one you are interested in. We want to turn them into money, now, and will make prices right.

You know, Spring Farm King Pontiac 6th is a son of Tweede De Kol Lass (34.39 lbs.), she, the dam of K. P. Pontiac Lass, the 44 lb. cow. Spring Farm King Pontiac 6th is sired by Spring Farm King Pontiac he by King of the Pontiacs and out of Tweede White Lady (37.45 lbs.) Spring Farm King Pontiac's first eight daughters to be tested, at an average age of under two and one-half years, made an average of over 21 lbs., of butter each, a showing unequalled by the first eight daughters of any other bull.

Spring Farm King Pontiac 6th is three years old; he is large, straight on the back, broad over the hips, and square on the rump, long bodied, two good ends and a remarkably good middle. He carries 66 2-3 per cent the same blood as each of three cows whose average official records are 38.66 lbs. of butter for seven days and 150.13 for thirty days, and they are his dam, grandam and seven-eighths sister. No bull of his age, is entitled to so much consideration from you, for the sire of your next herd bull, as Spring Farm King Pontiac 6th.

No. 1—Born April 9, 1914. Dam, Butter Girl Bonte Reinkje (she by De Kol 2d's Butter Boy 3d) A. R. O. two years with first calf, 18.85 lbs. of butter, 430.10 lbs. of milk for seven days, thirty days, 79.54 butter and 2013.6 lbs. of milk, semi-official year's record 802.65 lbs. of butter and 18,622.00 lbs. of milk. Second calf, 27.03 lbs. of butter and 604.8 lbs., of milk, thirty days 111.65 lbs. of butter and 2656.1 lbs. milk. This year at six years old, butter 28.55, milk 620.00 for seven days, thirty days, butter 114.06, milk, 2535.3. Now on year's test.

No. 2—Born March 14, 1915. Dam, Countess Katie De Kol 2d (she by Johanna De Kol 2d's Lad) A. R. O. 4 yrs., butter 26.60, milk 513.00.

No. 3—Born December 1, 1914. Dam, Korndyke Butter Girl Friend (she by Korndyke Butter Boy) A. R. O. at two years, first calf, milk 362 lbs., butter 19.623 lbs. Now three years old and due to drop second calf in December.

No. 4—Born May 17, 1915. Dam, Nancy Pledge Princess, A. R.O. seven days, butter 32.40, milk 716.00, thirty days, butter 132.82, milk 3052.70 lbs.

No. 5—Born September 4, 1914. Dam, Masterpiece Korndyke Betty (she by Masterpiece) A. R. O. at two years, milk 327.1, butter 17.66. On year's test, milk up to June first 13,860.2, averaging so far in June 55 lbs. of milk per day. Now carrying second caif. A. R. O. 8 mo 26 days after calving, butter 17.61, milk 385.1 lbs.

No. 6—Born September 14, 1914. Dam, Korndyke Butter Girl Copia (The dam of Masterpiece) A. R. O. at two years, 24.40 lbs. butter, and 401.9 lbs. of milk.

No. 7—Born June 3, 1915. Dam, Korndyke Butter Girl Inka (she by Korndyke Butter Boy) A. R. O. at three years, butter 24.07, milk 493.8.

No. 8—Born May 16, 1915. Dam, Korndyke Butter Girl Pelham (her dam Pelham e Kol 2d, two records over 27 lbs. each) A. R. O. at three years, butter 21.57 lbs., milk 390.4 lbs.

No. 9—Born November 27, 1914. Dam, De Koletta, A. R. O. butter 20.85, milk 424.7.

No. 10—Born May 27, 1915. Dam, Korndyke Butter Girl Nannett (her dam over 27 lbs.) A. R. O. at three years, butter 17.26, milk, 390.1 lbs.

With the exception of one cow, the dams of the above are all in our herd at present. Nearly all of them are young, all of them are without defects in udder and will be given an opportunity to increase their records when they freshen again.

Write us for full description and prices of thosethat interest you.

HENRY STEVENS & SON

Brookside Stock Farms

LACONA, N. Y.